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April 28, 1997

VIA FEDERAL EXPRESS

Ms. Mary Anne Rosa, Project Manager
Emergency and Remedial Response Division - Region II
U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866

cc: Ms. Amelia Wagner, Esq.
Office of Regional Counsel
U.S. Environmental Protection Agency
290 Broadway, 17th Floor
New York, NY 10007-1866

Dear Ms. Rosa:

As we discussed, I am enclosing the response of Fisher Scientific Company to your 104(e) Request. (The certification will be forwarded under separate cover).

As indicated, Fisher would appreciate it if you would let me know if you require additional information. Also, after viewing the document index if you would like any copies in addition to those you previously requested, we would be happy to copy them and forward them to you. (I am assuming, as was the case previously, that you do not want a "dump" now of all of the listed documents we have and would prefer to select what you need from our list based on your requirements and what you already have).

Very truly yours,

Patricia A. Pickrel
for Fisher Scientific Company

Enclosures

PAP:jma
2162

462752

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290 Broadway, 19th Floor
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cc: Ms. Amelia Wagner, Esq.
Office of Regional Counsel
U.S. Environmental Protection Agency
290 Broadway, 17th Floor
New York, NY 10007-1866

RE: Fair Lawn Wellfields, Superfund Site

Dear Ms. Rosa:

This letter is submitted in response to EPA's letter to Fisher Scientific Company ("FSC") dated February 26, 1997.

Background and General Response.

Commencing approximately 15 years ago, FSC conducted extensive investigations and remedial activities on its property in Fair Lawn, New Jersey. FSC has also voluntarily and pro-actively cooperated with the EPA and NJDEP in responding to issues raised by contamination identified in the Westmoreland and Pollitt Drive Wellfields. Together with only one other company, FSC funded treatment for the municipal wells; FSC has spent millions of dollars investigating and remediating its site, and has conducted studies utilized by EPA and NJDEP, including studies and activities in areas unrelated to FSC's site. FSC has done so notwithstanding that other parties are responsible for the contamination identified in the Fair Lawn wellfields.

EPA's letter submitted pursuant to Section 104(e) of CERCLA dated February 26, 1997 ("Request") appears directed to eliciting facts that might indicate the presence of contamination on the properties operated by the various addressees. In the absence of sampling results from media that could be affected by on-site releases, responses to the questions could provide alternative information on possible releases. However, in FSC's case extensive sampling, analyses and remedial work have taken place, and numerous data and analytical reports were made available to NJDEP and EPA at the time of the studies, and again by FSC to EPA in 1993. Since 1993, additional information has become available to FSC and its consultant and additional data has been generated (Attachment A). (Reports made available to EPA in 1993, including a listing of those previously copied by the EPA at that time are included in Attachment B.) FSC refers to these data and prior studies in response to this Request. FSC will make available the documents on Attachments A and B at your convenience or forward any additional copies that EPA might like to review. (In 1993, EPA requested copies of 34 documents from Attachment B, including 24 reports or documents relating to FSC's property.)

FSC does not dispute that contamination has been identified on its property. However, particularly in light of the activities that have already occurred under NJDEP supervision, FSC does contend that its property does not impact the Fair Lawn Wellfields site and/or that it would be inappropriate to require any further response action from FSC. Even prior to approval of FSC's Remedial Action Plan, FSC operated production wells on-site which had the effect of containing various contaminants on-site and the data demonstrates that the on-site pumping system has the effect of pulling contaminants from off-site onto FSC's property. For this and other reasons, the presence of contaminants on FSC's property or in groundwater in or about FSC's property does not mean that the contaminants originated from FSC's operations. By way of illustration only, while 1,1,1 TCA has been identified in groundwater in the area of the Fair Lawn Industrial Park and FSC's property, it was not detected in any of more than 82 extensive soil samples taken from FSC's property.

The Request seeks information that is unlimited in time and purports to require information relating to future operations. The scope of the Request includes details of all aspects of FSC's operations from the time operations first began (in 1955) until the present. FSC cannot agree to supplement the response with respect to details relating to its future operations and does not understand The Request as requiring that FSC do so, in light of the confirmed on-site monitoring taking place pursuant to the supervision of the NJDEP. In view of the information previously provided to the EPA, and as part of this response, as well as the actions already taken by FSC, FSC understands that it is not required to respond specifically to each question included in The Request and refers to this General Response and documents indicated in the Attachments, in addition to the specific responses, which follow. To the extent the EPA does not deem FSC's response to be sufficient, FSC objects to the Request as overbroad, extraordinarily burdensome and beyond the legitimate

scope of Section 104(e). However, FSC would like to discuss with EPA any further information it might require and requests that EPA advise the undersigned if EPA requires any additional information or copies of documents. In responding to this request, FSC does not waive any rights it has or admit that it has any further liability for any aspect of the Fair Lawn Wellfields site. FSC reserves the right to supplement this response.

Question 1(a): State the legal name of your company.

Answer: Fisher Scientific Company

Question 1(b): State the name and address of the president or the chairman of the board, or other presiding officers of your company.

Answer: President: Michael J. Quinn,
Fisher Scientific Company, 2000 Park Lane,
Pittsburgh, PA 15275

Question 1(c): Identify the state of incorporation of your company and your company's agent for service of process in the state of incorporation and in New Jersey.

Answer: Incorporated in Delaware

Registered agent in Delaware: The Prentice-Hall Corporation, Inc., 1013 Centre Road, Wilmington, DE 19805.
Registered agent in New Jersey: The Prentice-Hall Corporation System, New Jersey, Inc., 830 Bear Tavern Road, West Trenton, NJ 08628

Question 1(d): Provide a copy of your company's "Certificate of Incorporation" and any amendments thereto.

Answer: See Attachment 1(d)

Question 1(e): If your company is a subsidiary or affiliate of another company, or has subsidiaries, or is a successor to another company, identify these related companies. For each related company, describe the relationship to your company and indicate the date and manner in which each relationship was established.

Answer: See Attachments 1(d) and 1(e). FSC believes the information supplied to be sufficient in light of the demonstrated ability of FSC to undertake responsibility for its activities, as appropriate.

Question 2(a): How long has your company operated at the current location? If your company no longer operates a facility in Fair Lawn, New Jersey, during what years did your company operate such a facility?

(b) Does your company own this facility? If yes, from whom did your company purchase the facility and in what year?

(c) If your company does not own the facility, from whom did your company rent the facility and for what years? Please provide copies of any lease agreements.

(d) If your company owns the property but does not operate the facility, please provide the name and address of the operator. In addition, please provide a copy of any lease or rental agreement.

Answer: FSC owns the subject property, and commenced operations on it sometime in 1955. FSC personnel believe that the property was purchased from McBride Industries, the developer of Fair Lawn Industrial Park. Company personnel are attempting to verify the identity of the party from whom the property was purchased, and if the information is located, FSC will supplement its response accordingly.

Question 3(a): Does your company have or has it in the past had a permit or permits issued pursuant to the Resource Conservation and Recovery Act, 42 U.S.C. §6901 et seq.? If "yes," please provide the years that your company held such a permit and its EPA Identification Number.

Answer: The facility held a RCRA Part A&B Permit between 1985 and 1994 (No. 0217B1HP02). The EPA I.D. No. for the facility is NJD004362059.

Question 3 (b): Does your company have or has it in the past had a permit or permits issued pursuant to the Federal Water Pollution Control Act, 33 U.S.C. §1251, et seq ? If "yes," please provide the years that your company held such a permit and its Permit Identification Number.

Answer: The facility has two NJPDES Permits: NJ0102792 issued November, 1995 and Industrial General Permit No. NJ088315, issued in 1993. Company personnel

do not believe that any other stormwater permits were issued for the site historically.

Question 4: Did your company receive, utilize, manufacture, discharge, release, or dispose of any materials containing the following substances? Please check one box for each substance.

Answer: See General Response, including Documents FS 170-173; FS 175; FS 002; FS004; FS010; FS011 and FS017. FSC is unable to determine with certainty which substances listed in Question 4 were not on site at some time during its operating history. FSC personnel do not believe it handled on site or sold 1-1-1 TCA or 1,1 dichloroethylene and/or did not do so to any significant extent. All of the chemicals listed in the Request, except formaldehyde were detected in and around FSC's property and the Fair Lawn Industrial Park. Various chemicals were identified at locations or levels indicating that FSC operations were not a likely source of the chemical found in groundwater at other locations. FSC also notes that various chemicals listed in the Request have never been detected in any of the extensive soil sampling conducted on FSC's property. See FS 175 for the most recent report summarizing soil data.

Question 5(a): Provide a description of the processes for which all hazardous substances, including, but not limited to, the substances listed in response to item (4), were a product or by-product. List all hazardous substances used and/or generated in these processes.

(b) During what parts of the processes identified in the response to items (5)(a), above, were hazardous substances, including, but not limited to, the substances listed in response to item (4), generated?

i) For each process, describe the chemical composition of the hazardous substances which were used and/or generated.

ii) For each process, what amount of hazardous substances was generated per volume of finished product?

(c) Were the hazardous substances which were used and/or generated combined with wastes from other processes? If so, wastes from what processes?

Answer: See General Response, including Documents FS 170, FS 171, FS 172 and FS 173.

Question 6: Describe the methods of collection, storage, treatment, and disposal of all

hazardous substances, including, but not limited to, the substances listed in response to items (4) and (5). Include information on the following:

(a) Identify all persons who arranged for and managed the processing, treatment, storage and disposal of hazardous substances at your company's Fair Lawn facility.

(b) Describe all treatment practices employed by your company with respect to all hazardous substances from the time operations commenced until the present. Include all on-site and off-site treatment activities.

(c) Describe all storage practices employed by your company with respect to all hazardous substances from the time operations commenced until the present. Include all on-site and off-site storage activities.

i) If drums or other containers containing hazardous substances were stored outside, were the drums stored on the ground or were they stored in areas that had been paved with asphalt or concrete? Please provide a complete description of these storage areas.

(d) Describe all disposal practices employed by your company with respect to all hazardous substances from the time operations commenced until the present. Include all on-site and off-site storage activities.

Answer: See General Response, including Documents FS 170-173; see also response to Question 7(a).

Question 7(a): Answer the following questions for process waste waters generated at the facility which contained any hazardous substances, including, but not limited to, the substances listed in response to item (4) and (5):

i) Were the waste waters ever discharged into a sanitary sewer?

ii) Were the waste waters ever treated before being discharged to the sanitary sewer and if so, how? Please be specific.

iii) If the waste waters were not discharged to the sanitary sewer, where were they disposed?

iv) Please provide the results of any analyses performed on any waste process streams generated at the facility.

Answer: See General Response, including Documents No. FS 170, 171, 172 and 173. Pre-treatment of waste waters has typically included neutralization. Since 1989 groundwater used for non-contact cooling water has been treated with carbon. Shallow groundwater pumped as part of the remedial system is also treated with air-stripping. See also Response to Question 8 and attachments for some summary information relating to off-site disposal of wastes [(RCRA annual reports)] . Attachment 7(a)(iv) includes analyses of waste submitted to the PVSC as part of FSC's last permit application.

Question 7(b): For floor drains, dry wells or other disposal drains at the facility:

i) Do the drains now, or did they ever, connect to a sanitary sewer?

ii) Do the drains now, or did they ever, connect to a septic system?

iii) Do the drains now, or did they ever, connect to a leach field?

iv) If the floor drains or other disposal drains at the facility were not connected to the sanitary sewer, septic system or leach field; provide detailed information as to where they were discharged and during what time period?

(c) Did any storm sewers, dry wells, catch basins, or lagoons exist at any time at the facility?

i) If catch basins or lagoons existed, were they lined or un-lined?

ii) Describe in detail all material ever stored in any on-site lagoons?

iii) Where was the discharge from any storm sewers, dry wells, catch basins or lagoons released? Was this discharge treated before its release and if so, how? What was the chemical composition of any waste waters released?

(d) Please supply diagrams of any waste water collection, transport, sewer lines, drains and/or disposal systems on the property.

Answer: See General Response, including Documents 170, 171, 172 and 173.

Question 8: For each hazardous substance, including, but not limited to, the substances listed in response to item (4) or identified in the responses to item (5), above, provide the total amount generated during the operation of the facility on an annual basis.

Answer: See General Response. Attachment 8 includes available summary RCRA reports relating to waste generation.

Question 9: Were any hazardous substances, including, but not limited to, the substances listed in response to item (4) or identified in response to item (5), above, discharged or disposed into the groundwater? If yes, identify the hazardous substances, estimate the amount of material discharged or disposed of in the groundwater and the frequency with which this discharge or disposal occurred. Also, please include any sampling results of the groundwater performed after any discharge or disposal.

Question 10(a): Please identify any leaks, spills, explosions, fires, or other incidents of accidental material discharge that occurred at the facility during which or as a result of which any hazardous substances, including, but not limited to, the substances listed in response to item (4) or (5), above, leaked on the property, into the dry well, waste water or storm drainage system at the facility. Provide any documents or information relating to these incidents, including the ultimate disposal of any contaminated materials.

(b) Please provide the results of any sampling of the groundwater, surface water, soil, air or other media after any such incident and before and after clean-up. Please provide all sampling results performed in relation to any such incident.

Answer to Questions 9 and 10: See General Response, including Documents FS 170-173; FS 175.

Question 11(a): Did your facility ever apply for a sewer connection permit to the Passaic Valley Sewerage Commission? If so, please provide the analytical results included with the sewer connection permit application. If a permit was granted, please provide a copy of the permit. Also, provide details of the duration of the application(s).

(b) Has the Passaic Valley Sewerage Commission ever cited you for violations of a permit or license? If so, provide details regarding the violations and how they were addressed.

Answer: See General Response and Attachments 7(a)4 and 11(a). FSC personnel are attempting to determine when the facility was first issued a permit from PVSC. Sewer service has always been provided for the operations by PVSC. FSC has received notices

of violation from the PVSC generally relating to alleged late filing of reports and alleged interruption of monitoring equipment.

Question 12: Please provide a detailed description of any civil, criminal or administrative proceedings against your company for violations of any local, State or federal laws or regulations relating to water pollution or hazardous waste generation, storage, transport, discharge or disposal. Provide copies of all pleadings and depositions or other testimony given in these proceedings.

Answer: See General Response. FSC understands Question 12 as limited to administrative or judicial enforcement litigation relating to its Fair Lawn operations as opposed to matters such as activities pursuant to ECRA; administrative notices of violation or matters concerning unrelated operations. As such, FSC is not aware of any matters responsive to this request.

Question 13: Have you ever performed any environmental assessment under the Environmental Cleanup Responsibility Act (ECRA), Industrial Site Recovery Act (ISRA), or any other environmental law? If so, please provide all data and other documents pertaining to such an assessment.

Question 14: Did you or anyone else sample the groundwater, surface water, soil, ambient air or other environmental media at the facility for purposes other than those identified in questions above? If so, please provide all data and other documents pertaining to such sampling.

Question 15: Are there any wells (e.g., monitoring, production, extraction) located on your property?

(a) If yes, please provide the following information:

i) Any sampling results or test data which have been generated for the well(s)

ii) Date of installation of well(s).

iii) Depth of well(s).

iv) Please provide as much detail as possible (e.g., length of screen, construction material, pumping rate) describing well(s) located on your property.

v) Has this well(s) been sealed or abandoned? Please provide all closure details.

Answer to Questions 13-15: Yes. See General Response; Attachments A and B include the principal ECRA reports and data submissions made by FSC.

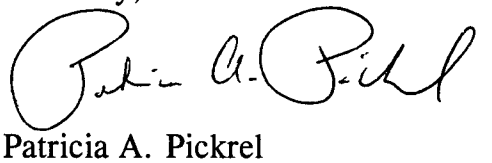
Question 16: Provide the name, address, telephone number, title and occupation of the person(s) answering this "Request for Information" and state whether such person(s) has personal knowledge of the responses. In addition, identify each person who assisted in any way in responding to the "Request for Information" and specify the question to which each person assisted in responding. Please include the names and addresses of former employees who were contacted to respond to any of the questions.

Answer: This response and attachments is based primarily on a review of historical filings and site investigations and reported past and present sampling information; as described above and was compiled by the undersigned, as counsel to FSC. FSC has previously made available to EPA the reports in Attachment B and will make available any additional copies of the reports, as well as any listed on the up-date list (Attachment A) that EPA would like to have forwarded.

Individuals who assisted in the preparation of this response are as follows:

Environ Corporation	Questions: 2 - 16
Mark Jasko, Operations Manager, Chemical Division	Questions: 2 - 4
Tom Tisa, Manager of Pollution Control	Questions: 9, 12
Ann Pantazes, Director of Regulatory Affairs, Chemical Division	Questions: 3, 7(a), 8
Lou D'Angelo, Director of Regulatory Affairs, Fisher Scientific Company	Questions: 9, 12

Sincerely,



Patricia A. Pickrel
for Fisher Scientific Company

Enclosures

PAP:jma
2159

FISHER SCIENTIFIC
1 REAGENT LANE
FAIR LAWN BORO, BERGEN COUNTY, NEW JERSEY
EPA ID NO. NJD004362059

INDEX OF ATTACHMENTS

MAPS

1. USGS QUADRANGLES PATERSON AND HACKENSACK
2. HAGSTROM BERGEN COUNTY ROAD MAP
3. TAX MAP
4. SITE MAP
5. NEW JERSEY ATLAS BASE MAP
6. NEW JERSEY ATLAS GEOLOGIC OVERLAY
7. NEW JERSEY ATLAS WATER SUPPLY MAP
8. WATER WITHDRAWAL POINTS MAP

ATTACHMENTS

A. DHWM, BPA: NJDEP, ECRA, GENERAL INFORMATION SUBMISSION, FEBRUARY 12, 1986.

B. DHWM, MFO: NJDEP INSPECTION REPORT, DECEMBER 12, 1986.

C. DHWM, ECRA: REMEDIAL INVESTIGATION, FISHER SCIENTIFIC COMPANY, SEPTEMBER 1984.

D. DHWM, ECRA: LETTER FROM TIMOTHY STONE, IT CORPORATION, TO ROBERT SCHIESSLER, SANDVIK, DECEMBER 22, 1986.

E. DHWM, BPA: MEMO FROM ROBERT JAGGI TO TOM LEONARD, JULY 17, 1980.

F. DHWM, BPA: LETTER FROM MOX TAN, NJDEP, DWR, TO CHARLES DICKSON, FISHER SCIENTIFIC, ABOUT WASTEWATER DISCHARGE VIOLATION, AUGUST 29, 1980.

G. DHWM, BPA: INCIDENT REPORTS ABOUT MARCH 3, 1986 SPILL.

H. DHWM, MFO: INCIDENT NOTIFICATION REPORT, JANUARY 19, 1987.

I. DHWM, MFO: COMMUNICATIONS CENTER NOTIFICATION REPORT, OCTOBER 24, 1987.

J. DHWM, BHWE: ECRA REPORT OF INSPECTION, OCTOBER 24, 1986.

K. DEQ, MFO: AIR STACK LOG

L. DHWM, BPA: ECRA, SITE EVALUATION SUBMISSION, DECEMBER 23, 1985.

M. DWR, CENTRAL FILES: NJDEP, STANDARD APPLICATION FORM, CONSTRUCTION AND DISCHARGE PERMITS.

N. DHWM, MFO: MEMO FROM THOMAS SHERMAN TO DISTRIBUTION LIST, MARCH 31, 1989.

O. DHWM, ECRA: LETTER FROM PETER PUGLIONESI, WESTON, TO HOWARD ZLOTKIN, APRIL 27, 1989.

P. DHWM, BHWE: RCRA PART B APPLICATION, DECEMBER 23, 1985.

Q. DHWM, MFO: HAZARDOUS WASTE FACILITY PERMIT, MARCH 31, 1989.

R. DHWM, ECRA: MOVEMENT OF VOLATILE ORGANICS THROUGH A FRACTURED ROCK AQUIFER BY STEVEN SPAYD.

S. DHWM, BHWE: FEASIBILITY STUDY REPORT FISHER SCIENTIFIC COMPANY, JULY 26, 1985.

T. DHWM, BPA: MEMO FROM DONNA GAFFIGAN TO FISHER SCIENTIFIC COMPANY FILE, MARCH 27, 1987.

U. DHWM, ECRA: LETTER FROM MELINDA DOWER, NJDEP, BFCM, TO RAYMOND BASSO, USEPA, MAY 9, 1989.

V. DHWM, ECRA: DATA PACKAGE FOR SAMPLES COLLECTED, FEBRUARY 28, 1989.

W. DHWM, BPA: MEMO FROM DONNA GAFFIGAN TO FISHER SCIENTIFIC COMPANY FILE, MARCH 27, 1987.

X. DHWM, BFCM: LETTER FROM ROBERT PLUMB, NJDEP, DWR, TO FRANK BRADY, FAIR LAWN HEALTH DEPARTMENT, MAY 12, 1983.

Y. DHWM, BPA: NJDOH, ORDER, MAY 23, 1970.

Z. DHWM, BPA: NJDEP, DWR, ADMINISTRATIVE CONSENT ORDER, MARCH 21, 1984.

AA. DHWM, ECRA: REMEDIAL ACTION PLAN, SOIL EXCAVATION PHASE MONITORING REPORT, APRIL 1, 1987.

BB. DHWM, ECRA: DATA PACKAGE FOR SAMPLES COLLECTED JULY 7, 8, AND 21, 1987.

CC. DHWM, ECRA: LETTER FROM PETER PUGLIONESI, WESTON, TO MICHAEL METLITZ, NJDEP, WELL TESTING OF RECOVERY WELL, AUGUST 17, 1987.

DD. DHWM, ECRA: DATA PACKAGE FOR SAMPLES COLLECTED FEBRUARY 3 AND 4, 1988.

EE. DHWM, ECRA: REMEDIAL ACTION PLAN, ADDENDUM TO EXCAVATION PHASE MONITORING REPORT, SEPTEMBER 9, 1988.

FF. DHWM, ECRA: DATA PACKAGE FOR SAMPLES COLLECTED OCTOBER 28, 1988.

FISHER SCIENTIFIC
NEVINS ROAD
FAIR LAWN BORO, BERGEN COUNTY

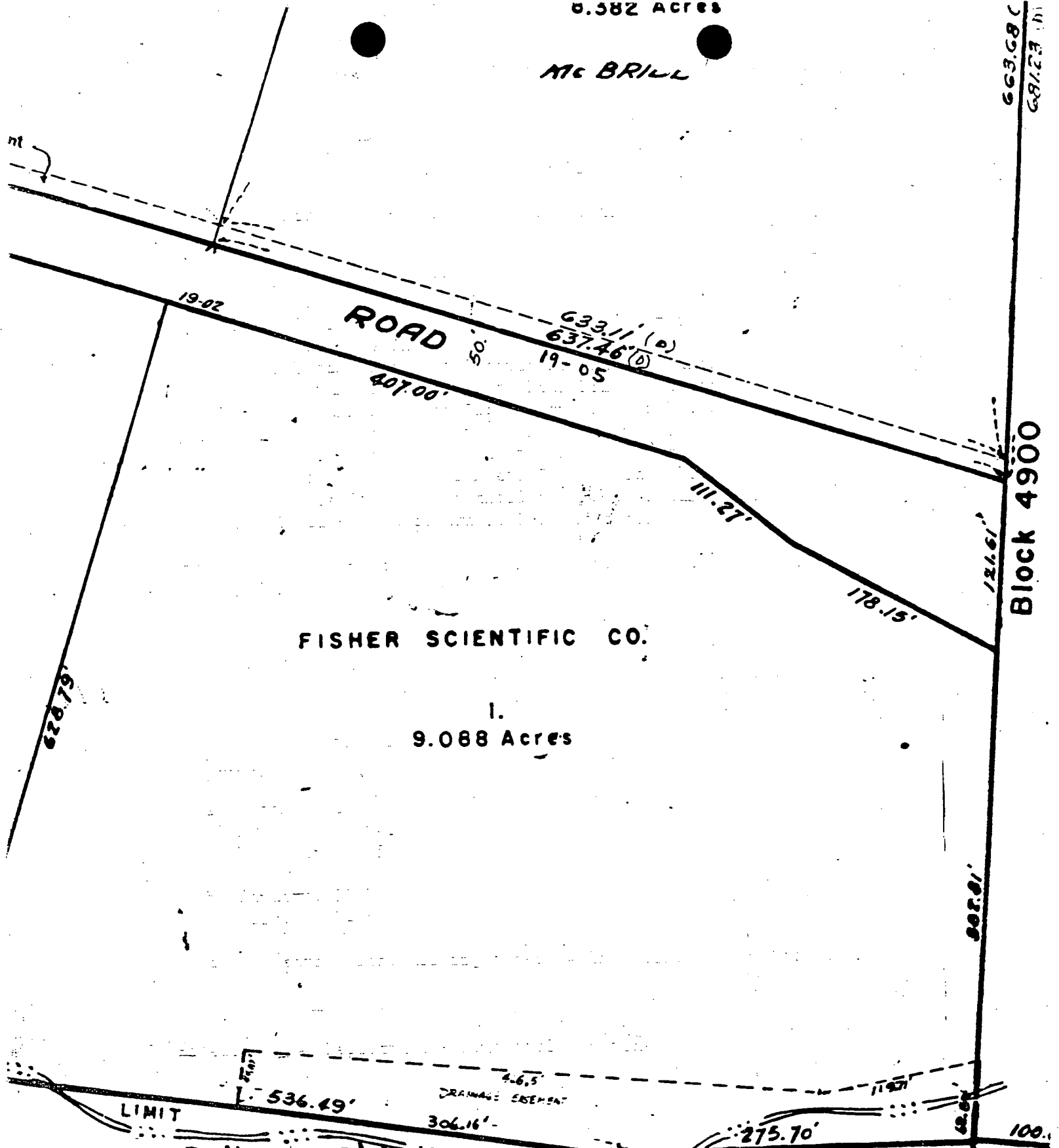
PATERSON AND HACKENSACK QUADRANGLE

LATITUDE: 40 56' 31"
LONGITUDE: 74 07' 37'

scale 1:24,000 MAP 1

HAGSTROM MAP
BERGEN COUNTY

MAP 2



...VE; FIELDSTONE RD; HAZELHURST AVE;
...; CEDARHURST AVE; AND THE LOTS
...REON WERE VACATED BY ORDINANCE
...BOROUGH OF FAIR LAWN, AUG. 22/1950.

TAX ASSESSMENT MAP

BOROUGH OF FAIR L...

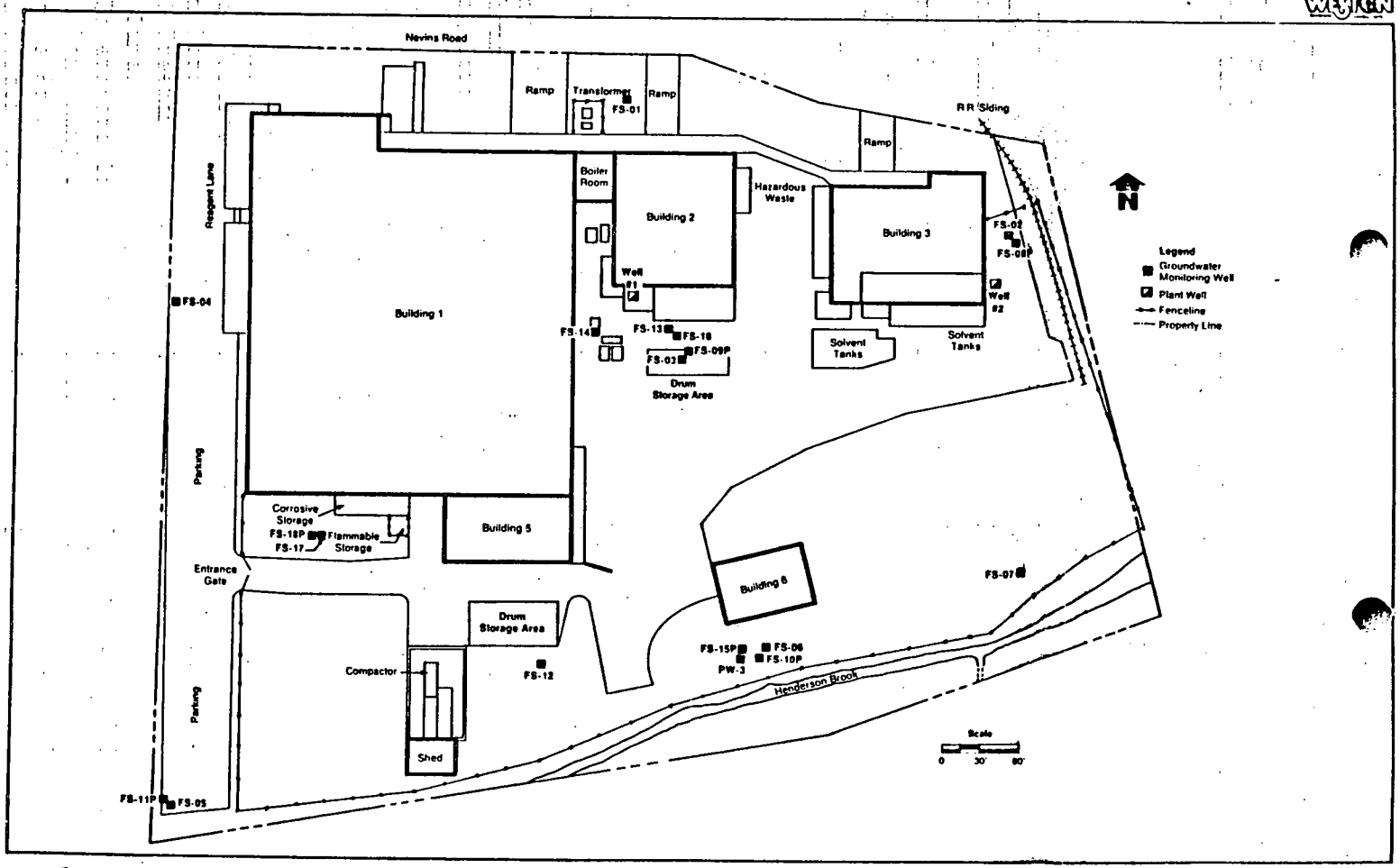
BERGEN COUNTY, NEW JERSE...

FRANK E. PERUGGI, BORO. ENG'R
FAIR LAWN, NEW JERSEY

SEPTEMBER
SCALE: 1"

REVISED YEARLY 1939 - 1988

MAP 3



MAP 4

Taken from Feasibility Study Report, Addendum No. 1
February 1986 Prepared for Fisher Scientific by Weston

FIGURE 1-1 GENERAL FACILITY PLAN

Showing the location of site wells

Scale: 1 Mile to an inch.

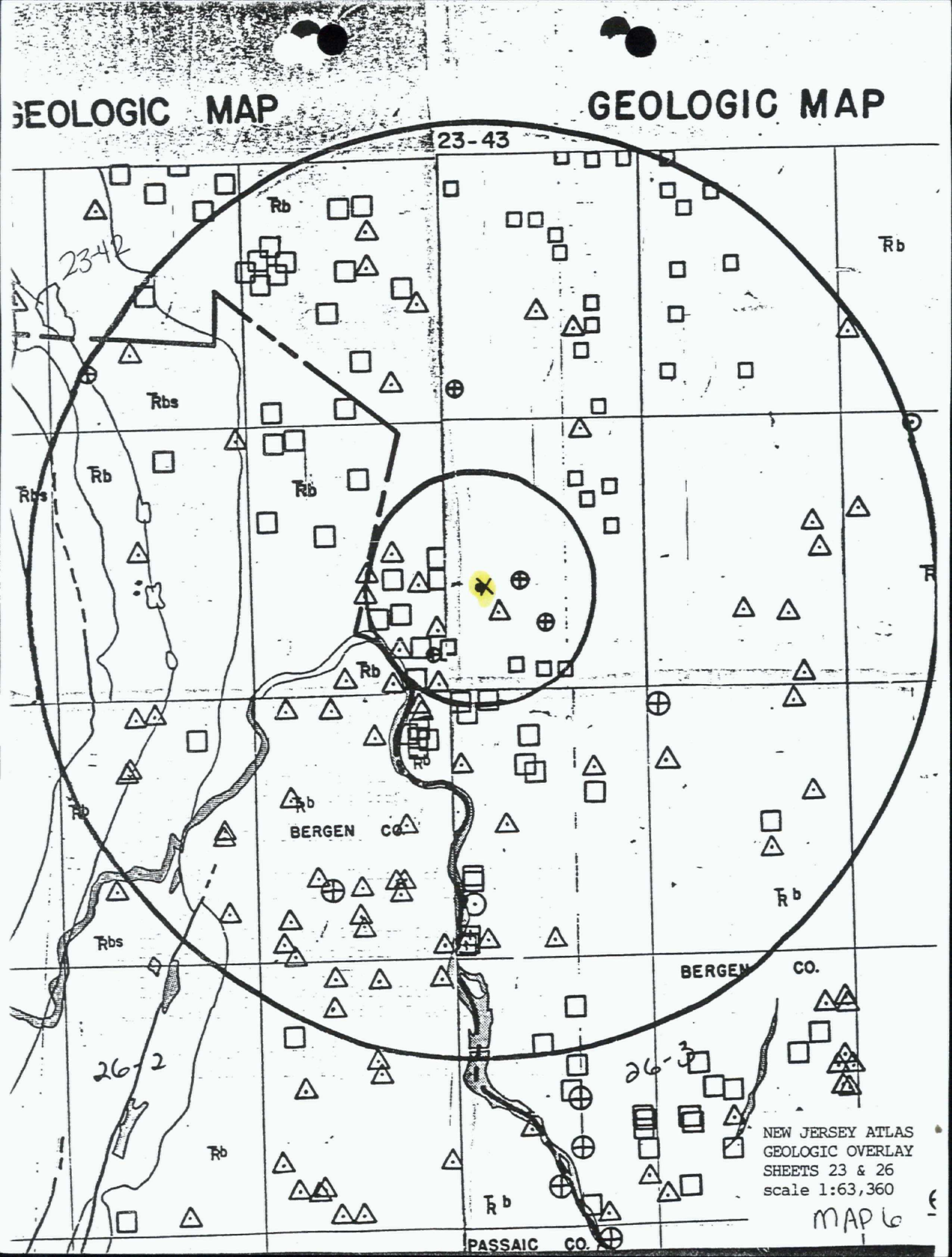
Yards 1000 0 1000 2000 3000

Meters 0 1000 2000 3000

Contour interval: 10 feet

NEW JERSEY ATLAS
BASE MAP
SHEETS 23 & 26
scale 1:63,360

MAP 5


GEOLOGIC MAP
GEOLOGIC MAP
23-43
23-42
Rb
Rbs
BERGEN CO.
BERGEN CO.
26-2
26-3
PASSAIC CO.
NEW JERSEY ATLAS
GEOLOGIC OVERLAY
SHEETS 23 & 26
scale 1:63,360
MAP 6

LEGE[illegible]OR ATLAS SHEET [illegible]EOLOGY)

△ — INDUSTRIAL WELL YIELD OVER 70 GALLONS PER MINUTE (INCLUDING PRIVATE WELLS)

□ — PUBLIC SUPPLY WELL YIELDING OVER 70 GALLONS PER MINUTE

⊕ — UNSUCCESSFUL ROCK WELL YIELDING LESS THAN 70 GALLONS PER MINUTE

⊙ — UNSUCCESSFUL SAND WELL YIELDING LESS THAN 70 GALLONS PER MINUTE

⊡ — NO TEST – NO DATA ON YIELD

——— FAULT (DASHED WHERE INFERRED)

——— CONTACT (DASHED WHERE INFERRED)

PHYSIOGRAPHIC PROVINCE BOUNDARY

WATER SUPPLY TRANSMISSION LINE

NOTE: WHERE THE PRECAMBRIAN FORMATION BOUNDARIES TERMINATE ABRUPTLY, IT IS THE GEOLOGIST'S OPINION THAT THE GEOLOGICAL COMPLEXITY OF THE AREA PREVENTS FURTHER INTERPRETATIONS.

Kmr — CRETACEOUS MAGOTHY AND RARITAN FORMATIONS (SAND AND CLAY)

Trb — TRIASSIC BRUNSWICK FORMATION

Trc — TRIASSIC CONGLOMERATE BEDS OF THE STOCKTON FORMATION

Trl — TRIASSIC LOCKATONG FORMATION

Trdb — TRIASSIC DIABASE

Trbs — TRIASSIC BASALT FLOWS

Sd — SILURIAN DECKER LIMESTONE AND LONGWOOD SHALE FORMATIONS

Sgp — SILURIAN GREEN POND CONGLOMERATE

Omb — ORDOVICIAN MARTINSBURG SHALE

Cok — CAMBRO ORDOVICIAN KITTATINNY LIMESTONE

Ch — CAMBRIAN HARDYSTON SANDSTONE

PRECAMBRIAN:

gh – HORNBLENDE GRANITE WITH PYROXENE GRANITE

ga – ALASKITE

am – AMPHIBOLITE

px – PYROXENE GNEISS

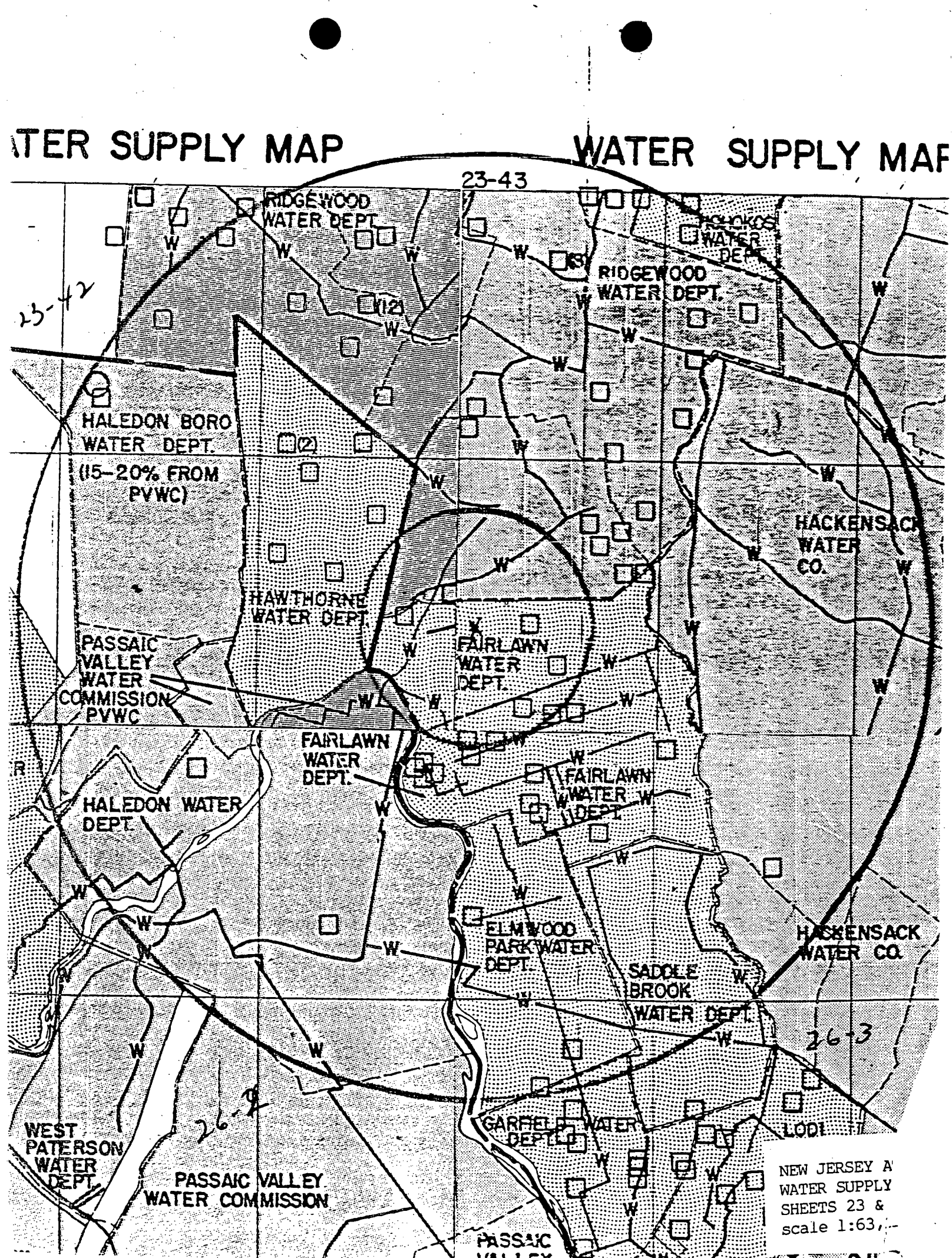
gnq – QUARTZ PLAGIOCLASE GNEISS

gnb – BIOTITE GNEISS

sk – SKARN, GRAPHITE SCHIST

fnd — FORMATION NOT DETERMINED

MAP 6


TER SUPPLY MAP
WATER SUPPLY MAP
23-43
23-42
RIDGEWOOD WATER DEPT.
RIDGEWOOD WATER DEPT.
HALEDON BORO WATER DEPT.
(15-20% FROM PVWC)
HAWTHORNE WATER DEPT.
PASSAIC VALLEY WATER COMMISSION PVWC
FAIRLAWN WATER DEPT.
FAIRLAWN WATER DEPT.
FAIRLAWN WATER DEPT.
HACKENSACK WATER CO.
HACKENSACK WATER CO.
HALEDON WATER DEPT.
ELMWOOD PARK WATER DEPT.
SADDLE BROOK WATER DEPT.
GARFIELD WATER DEPT.
LODI
WEST PATERSON WATER DEPT.
PASSAIC VALLEY WATER COMMISSION
26-3
26-4
NEW JERSEY A
WATER SUPPLY
SHEETS 23 &
scale 1:63,

BLOCK #23-42

A. Paterson

B. Passaic-Lower Passaic, Ramapo, Saddle River

C. 1. Midland Park - Non-recording precipitation gauge

2.

Map No.	Location	Period of Record
40	Mollyann Brook at Haledon Upper Res., No.Haledon	7/23/45
41	Mollyann Brook at Haledon Lower Reservoir, No. Haledon	"
42	Mollyann Brook at Sicomac Rd. Dam,No.Haledon	"
43	Mollyann Brook at Squaw Lake Dam, No.Haledon	"
44	Mollyann Brook at Oldham Pond Dam,No.Haledon	"
45	Goffle Brook at Maple Lake, Wortendyke	"
49	Goffle Brook at Wortendyke Pond, Wortendyke	"
50	Goffle Brook at Kenihers Dam, Midland Park	"
51	Goffle Brook at Oriental Rug Dam, Midland Park	"
52	Goffle Brook at Arnold Dam, Hawthorne	"

Water Quality Standards: (explained in Atlas Sheet description) FW2 except where FW3

D. Brunswick Formation (Trb), Basalt Flows (Trbs)

E. 1. Physiographic Province: Piedmont
Subdivision: Triassic Lowlands
Major Topographic Features: Red Sandstone Plain, Watchung Ridges
Elevations (ft.above sea level): ridges 900, valleys 50
Relief (ft.): 850

2. a. Normal Year: 48"
Dry Year: 41"
Wet Year: 59"

b. January: 30°F
July: 74°F

c. 242 days. Last killing frost: 4/15; first killing frost: 10/25

3. Land Use Map available

F. Haledon Water Department - Municipal Watershed

MAP 7

I. Water Well Records

Location	Owner	Year Drilled	Screen Setting or Depth of Casing	Total Depth	g/m Yield	Formation
23-42-119	Franklin Lakes Bd.of Ed.	1962	84	84	250	Qp
23-42-128	Urban Farms	1962	87	87	200	"
23-42-162	Franklin Lakes Dairy			400	100	Trb
23-42-165	"			307	100	"
23-42-216	Ramapo Regional H.S.	1956	68	303	150	"
23-42-221	Ridgewood Village	1956		300	159	"
23-42-226	"			303	159	"
23-42-233	"	1965		300	503	"
23-42-235	"	1956		300	258	"
23-42-255	"	1959		302	450	"
23-42-272	Haledon Boro			700	25	"
23-42-281	Holland Home Assoc.	1959	20	333	100	"
23-42-318	Pines Lakes			203	125	"
23-42-325	Ridgewood Village	1958	24	303	251	"
23-42-326	"			715	225	"
23-42-329	Montabert, F., Co.	1954	10	300	125	"
23-42-341	Summer, A., Co.			206	70	Qp,Trb
23-42-342	Wayne Twp.			200	175	Trb,Trbs
23-42-352	Ridgewood Village(12 wells)			125av.	Good	Trb
23-42-353	King, H.			185	100	"
23-42-357	Ridgewood Village	1957		350	450	"
23-42-365	Grand Union			178	190	"
23-42-378	Hawthorne Boro			350	215	"
23-42-378	"	1962		350	215	"
23-42-383	Ridgewood Village	1956		300	245	"
23-42-388	Hawthorne Boro	1963		350	268	"
23-42-427	N.J. Country Club	1959	23	45	150	Qp
23-42-443	"	1958	28	45	150	"
23-42-533	Wah-Chang	1960	40	302	510	Trb
23-42-554	Ideal Farms	1960	96	285	160	"
23-42-613	Hawthorne Boro			113-250 (3 wells)	130	"
23-42-626	"			300	225	"
23-42-642	"	1961		300	500	"
23-42-651	"	1960	40	300	225	"
23-42-656	Pacquin, Inc.			350	350	"
23-42-659	"			541	250	"
23-42-664	Textile Dyeing Co.of Am.			400	459	"
23-42-666	Ridgewood Village	1956		300	142	"
23-42-667	Fairlawn Boro			200	200	"
23-42-668	Einson & Freeman	1956	19	325	168	"
23-42-683	Victory Diner			250	80	"
23-42-688	Morris Paperboard Co.	1958	22	400	249	"
23-42-694	Fairlawn Finishing Co.	1951	32	503	450	"
23-42-695	Henderson's Pond			451	275	"
23-42-696	National Biscuit Co.	1962	58	393	138	"
23-42-696	Fairbanks Morse Co.	1955	29	121	92	"
23-42-697	Lomor Corp.			400	225	"
23-42-699	1st Savings & Loan Assoc.			150	110	"

J. Geodetic Control Survey monuments described
Index Map 15; adjacent Index Maps 14,9,10

MAP 7

A. Hackensack, Paterson

B. Hackensack-Pascack Creek, Hackensack; Passaic-Saddle River, Lower Passaic

C. 2.

Map No.	Location	Period of Record
55	Saddle River at Ridgewood	1955-
56	Hohokus Lake at Cooks Lake Dam	7/23/45
59	Hohokus Brook at Hohokus	1954-
60	Hohokus Brook below Spring Ave.,Ridgewood	7/23/45
410	Musquapsink Brook near Westwood	1965-
422	Saddle River at Paramus	1965
3. 265	Saddle River at Grove St., Ridgewood	1967-
277	Hohokus Brook at Ridgewood	1967-
268	Sprout Brook at Midland Ave., River Edge	1967-

Water Quality Standards: (explained in Atlas Sheet description)
FW2, TW1 except where classified FW3

D. Brunswick Formation (Trb)

E. 1. Physiographic Province: Piedmont
Subdivision: Triassic Lowlands
Major Topographic Features: Red Sandstone Plain
Elevations (ft.above sea level): ridges 400, valleys 50
Relief (ft.): 350

2. a. Normal Year: 46"
Dry Year: 39"
Wet Year: 53"

b. January: 31°F
July: 74°F

c. 245 days. Last killing frost: 4/15; first killing frost: 10/25

3. Land Use Map available

F. Bergen County:
Saddle River County Park
Municipal Watershed:
Newton

H. Seven Chimneys, Westwood
Terhune/Gardner/Lindenmeyer House, Paramus

Map

I. Water Well Records

Location	Owner	Year Drilled	Screen Setting Depth of Casing	Total Depth	g/m Yield	Formation
23-43-114	Ridgewood Village			402	350	Trb
23-43-123	Hohokus Boro	1963	52	300	411	"
23-43-127/8	Ridgewood Village (8 wells)			150(av)	95(av)	"
23-43-131	Hohokus Boro			300	200	"
23-43-133	"	1955	39	301	288	"
23-43-158	Grand Union			178	190	"
23-43-159	Food Fair Stores	1955	71	310	250	"
23-43-174	Ridgewood Village	1955	35/56	300	43	"
23-43-177	"			300	198	"
23-43-191	"	1964	52/54	300	1230	"
23-43-198	"			298	200	"
23-43-212	Hohokus Boro			412	105	"
23-43-215	"			314	245	"
23-43-224	Sher, M.	1963	30	205	100	"
23-43-245	Ridgewood Village	1955	42/64	300	200	"
23-43-248	"			201	500	"
23-43-252	"	1964	18/42	320	390	"
23-43-275	"			210	250	"
23-43-285	Peterman, J.	1961	30-	165	100	"
23-43-332	Westwood Fuel Co.	1960	56	236	75	"
23-43-371	McKenna			605	210	"
23-43-431	Faber, J.	1964	52	85	75	"
23-43-434	Ridgewood Village			300	162	"
23-43-436	"	1955	44/64	300	165	"
23-43-437	"	1957	36/40	303	340	"
23-43-438	"	1965	51/73	300	254	"
23-43-457	City Housing Corp.			300	30	"
23-43-462	Ridgewood Village			300	151	"
23-43-463	"	1965	65/86	300	151	"
23-43-473	Einson & Freeman Co.			325	168	"
23-43-482	City Housing Corp.			250	30	"
23-43-487	"			378	137	"
23-43-488	Fairlawn Boro			350	385	"
23-43-489	"			250	125	"
23-43-511	Ridgewood, Village of	1973	78	300	159	"
23-43-562	Great Eastern Mills, Inc.	1956	21	200	250	"
23-43-565	"	1956	34	203	250	"
23-43-582	Ridgewood Country Club	1964	29	500	250	"
23-43-591	N.Y. Twist Drill Co.			200	125	"
23-43-598	N.J. 17 Corp.			245	80	"
23-43-632	Hackensack Golf Club	1958	81	532	172	"
23-43-641	Paramus Bd.of Ch.Freeholders	1957	54	300	150	"

J. Geodetic Control Survey monuments described Index Map 15; adjacent Index Maps 9,10,16

Map

A. Orange, Paterson

B. Passaic-Lower Passaic

C. 1. Little Falls - Recording and non-recording temperature and precipitation gauges
Paterson - Non-recording temperature and precipitation gauges

2.

Map No.	Location	Period of Record
35	Passaic River at Little Falls	1897-
36	Slippery Rock Brook at Barbours Pond, West Paterson	7/23/45
27	Slippery Rock Brook at Highland Lake, West Paterson	7/23/45
39	Peckman Brook at Bradford Ave.,Cedar Grove	7/23/45
43	Mollyann Brook at Squaw Lake Dam, No.Haledon	7/23/45
45	Mollyann Brook below Redwood Ave.,Paterson	7/23/45
46	Passaic River at Paterson	1898-1955

3.

35	Passaic River at Little Falls	1962-
247	Passaic River at Totowa	1964-
254	Peckman River at Cedar Grove	1964
255	Peckman River at West Paterson	1964-

Water Quality Standards: (explained in Atlas Sheet Description)
FW2 except where classified FW3

D. Brunswick Formation (Trb), Basalt Flows (Trbs)

E. 1. Physiographic Province: Piedmont
Subdivision: Triassic Lowlands
Major Topographic Features: Red Sandstone Plain, Watchung Ridges
Elevations (ft.above sea level): ridges 600, valleys 50
Relief (ft.): 550

2. a. Normal Year: 47"
Dry Year: 38"
Wet Year: 59"

b. January: 31°F
July: 74°F

c. 241 days. Last killing frost: 4/25; first killing frost: 10/20

F. Passaic County:
Preakness Valley Park
Garrett Mountain Reservation
Passaic Valley:
Municipal Watershed
Cedar Grove:
Municipal Watershed

H. Westside Park/Van Houten House, Paterson
Great Falls of Paterson and Society of Useful Manufactors, Historic District, Paterson

MAP

I. Water Well Records

Location	Owner	Year Drilled	Screen Setting or Depth of Casing	Total Depth	g/m Yield	Formation
26-02-142	Twp. of Wayne			?	No test	Q
26-02-174	Marcal Paper Products			?	"	"
26-02-177	"			?	"	"
△26-02-221	Grand Union Co.	1955	30	41	90	"
△26-02-222	Bluebird Dyeing Corp.			65	550	"
△26-02-227	Columbia Piece Die Works			235	100	Trdb
△26-02-227	"			100	140	"
□26-02-234	Fair Lawn Dept. of Pub.Wks.			500	85	Trb
△26-02-265	35 Church St. Corp.	1953	32	200	75	"
△26-02-265	Garden Theater	1955	35/8	229	200	"
△26-02-273	Hudson Piece Dye Works			450	75	Trbs-Trb
△26-02-295	Passaic Rolling Mill			2100	100	Trb
△26-02-312	Barbizon Corp.			300	985	"
△26-02-321	Boque Electric Co.			345	215	"
△26-02-326	Spotless Cleaners	1965	30	400	135	"
△26-02-332	Lyons Piece Dye Works			584	85	"
△26-02-332	"			600	250	"
□26-02-334	Fair Lawn Dept.of Pub.Wks.	1964	40	500	85	"
□26-02-335	Boro of Fair Lawn			402	475	"
□26-02-335	"			413	500	"
□26-02-335	Fair Lawn Dept.of Pub.Wks.	1955	47	400	450	"
□26-02-335	"	1954	53	500	75	"
△26-02-342	Our Lady of Victories	1954	25	300	112	"
△26-02-364	Temple Emanuel	1954	17	150	150	"
△26-02-373	Madison Ave.Baptist Church	1964	38	250	276	"
△26-02-375	River Pulp Co.			400	350	"
△26-02-378	Wright's Diner			220	70	"
△26-02-378	Heller Candy Co., Inc.	1962	25	315	157	"
△26-02-381	Paterson Board of Education	1965	63	312	30	"
△26-02-382	First Natl.Bank & Trust	1953	12	200	125	"
△26-02-385	Grand Union Co.			199	85	"
△26-02-385	Artson Realty Co.			200	100	"
△26-02-391	Okonite Co.			?	375	"
△26-02-391	"			?	375	"
△26-02-391	"			?	375	"
△26-02-399	Food Fair Stores, Inc.	1955	21.5	231	150	"
26-02-416	Colorite Color Plastics	1965	45/50	405	2	Trbs
26-02-424	Container Corp.of America	1958	32	600	65	"
26-02-426	Instrument Specialty Co.	1956	33	150	75	Trb-Trbs
26-02-447	Little Falls Laundry			1012	450	Trbs
26-02-579	Bongiorne, Dr.			250	105	Trb
26-02-589	Bolero	1954	50	350	200	"
26-02-618	Pub.Svc.Elec.& Gas			400	164	"
△26-02-621	Manhattan Casting Co.	1959	20	220	150	"
△26-02-623	Boque Electric Co.			447	75	"
△26-02-624	Garafano & Son, Inc.	1965	24	140	201	"
△26-02-633	Independence Plating Co.	1954	21.5	402	230	"
26-02-645	F.E.R. Realty Co.,Inc.	1955	32	307	300	"
26-02-653	Natl. Silk & Dyeing Co.			500	125	"
26-02-653	"			600	125	"

Map

				D	V	
26-02-671	Shulton, Inc.	1955	15/28	300	435	Trb
26-02-675	"	1964	20	400	198	"
26-02-676	"	1964	21	300	322	"
26-02-676	Athenia Steel Co.			389	330	"
26-02-687	Eureka Printing Co.	1959	36/40'10"	60	282	"
26-02-688	Federal Sweets & Biscuit Co.			400	280	"
26-02-693	Cosley & Co.	1954	45	250	105	"
26-02-763	Bonds Ice Cream, Inc.			157	150	"
26-02-783	Bellvue Theater			250	145	"
26-02-861	Food Fair Stores			207	150	"
26-02-887	Essex Co. Park Commission			224	164	"
26-02-894	Brookdale Beverage	1957	46	430	85	"
26-02-919	Glopro Realty Co.,Inc.	1958	27	333	92	"
26-02-922	Texstyle Corp.			605	250	"
26-02-925	Standard Packaging Corp.	1955	37	400	190	"
26-02-926	Oneida Paper Prods. Co.			200	100	"
26-02-937	Fritzsche Bros.			600	218	"
26-02-961	Speedway Car Wash Co.	1960	20	500	80	"
26-02-973	Grand Union Co.			102	80	Q-Trb
26-02-973	Brookliff Realty Co.	1962	24	301	190	Trb
26-02-973	Dumont Laboratories	1958	22	305	335	"
26-02-976	Stier, Albert A., Inc.			350	400	Q-Trb

J. Geodetic Control Survey monuments described
Index Maps 15,21; adjacent Index Maps 14,20

MAP

BLOCK #26-03

8/76

A. Hackensack, Orange, Paterson, Weehawken

B. Hackensack-Hackensack; Passaic-Saddle River, Lower Passaic

C. 2. Map No.	Location	Period of Record
53	Passaic River at Dundee Dam, Clifton	7/23/45
61	Saddle River at Lodi	1923-
62	Weasel Brook at Clifton	1937-1961
419	Fleischer Brook, East Paterson (Market St.)	1967-
423	Sprout Brook at Rochelle Park	1965-
3. 242	Overpeck Creek at Ridgefield	1964-
248	Passaic River at Garfield	1964
264	Saddle River at Garfield	1967-

Water Quality Standards: (explained in Atlas Sheet description)
FW3, TW1 except where classified TW2 or TW3

D. Brunswick Formation

E. 1. Physiographic Province: Piedmont
Subdivision: Triassic Lowlands
Major Topographic Features: Red Sandstone Plain
Elevations (ft.above sea level): ridges 150, valleys 0
Relief (ft.): 150

2. a. Normal Year: 45"
Dry Year: 36"
Wet Year: 50"

b. January: 31°F
July: 74°F

c. 245 days. Last killing frost: 4/20; first killing frost: 10/20

F. Bergen County:
Saddle River County Park

H. Von Steuben House, River Edge

Map 7

I. Water Well Re

Location	Owner	Year Drilled	Screen Setting or Depth of Casing	Total Depth	g/m Yield	Formation
26-03-111	Boro of Fair Lawn			408	380	Trb
26-03-111	"			458	280	"
26-03-112	"			500	143	"
26-03-117	Fair Lawn Dairy Co.,Inc.	1955	62	205	125	"
26-03-124	Fair Lawn Water Dept.	1954	47	200	173	"
26-03-127	Fair Lawn Dept.of Pub.Wks.	1955	48/53	400	165	"
26-03-127	Boro of Fair Lawn			338	245	"
26-03-137	Metro Glass			200	120	"
26-03-146	Ellwood Stores Inc.	1952	22	692	100	"
26-03-161	Boro of Wallington			300	304	"
26-03-171	Garfield Boro Water Dept.			330	95	"
26-03-174	Marcal Paper Mills, Inc.	1962	25	35	35	Q
26-03-177	"	1962	23	27	No test	"
26-02-177	"	1962	8	20	"	"
26-03-177	"	1962	22	30	"	"
26-03-178	Sausville, J. & Son			300	100	Trb
26-03-188	Rel Plastic Corp.	1952	79	150	75	"
26-03-211	Boro of Fair Lawn			500	65	"
26-03-217	Farmland Dairies, Inc.	1974	47	635	235	"
26-03-231	All Purpose Roll Leaf	1962	71	350	100	"
26-03-256	Hackensack Water Co.	1965	77'10"	473	250	"
26-03-259	Bijur Lubricating Corp.			175	200	"
26-03-262	Alexander's Dept. Store	1961	25	35	290	Q
26-03-355	Hackensack Water Co.	1959		75	No test	Trb
26-03-382	Lodi Dept.of Public Works			450	175	"
26-03-394	Spartan Typographers Inc.	1956	135	145	75	Q
26-03-394	Hackensack Cable Co.	1958	106	120	171	Trb
26-03-426	East Paterson, Boro of	1954	80	200	180	"
26-03-427	Boro of Wallington			400	350	"
26-03-453	City of Garfield	1966	57/77	475	77	"
26-03-456	"	1967	33/56	400	328	"
26-03-456	"	1966	20/43	710	30	"
26-03-457	Whippany Paper Board	1956	54	250	312	"
26-03-469	City of Garfield			273	95	"
26-03-469	"			320	130	"
26-03-469	"			165	400	"
26-03-483	"	1966	21/40	400	25	"
26-03-485	Botany Worsted Mills			81	7	"
26-03-489	City of Garfield	1967	61.5	276	No test	"
26-03-493	"			326	89	"
26-03-496	Laurel Co.			500	100	"
26-03-497	Heyden Chemical Works			375	90	"
26-03-535	Aquarium, Inc.	1963	22	300	172	"
26-03-536	Maywood Chemical Co.			220	400	"
26-03-536	Citro Chemical Co.			220	400	"
26-03-538	Lodi, Boro of			403	600	"
26-03-542	City of Garfield	1968	15/35	405	405	"
26-03-546	Lodi, Boro of			300	170	"
26-03-548	"			?	135	"
26-03-548	"			200	125	"
26-03-554	Lodi Dept.of Public Works	1965	20/40	510	100	"

Map

26-03-557	Washine Chemical Co.	1966	29'4"/ 46'10-1/2"	400	100	Trb
26-03-561	Boro of Lodi			?	295	"
26-03-563	Lodi Shopping Center	1960	22	300	290	"
26-03-563	"	1956	20'8"	301	350	"
26-03-563	Muscarelle, J.L., Inc.	1966	32	400	159	"
26-03-566	Interchemical Corp.			435	187	"
26-03-566	Spiegal Mfg. Corp.	1969	34/43	300	237	"
26-03-567	Master Etching Corp.	1965	29	400	105	"
26-03-575	Boro of Lodi	1954	31'5"/ 53'1"	459	157	"
26-03-577	Yoo-Hoo Beverage Co.	1959	22	303	95	"
26-03-581	Boro of Lodi			?	145	"
26-03-582	Lodi Dept.of Public Works	1965	36/56	450	175	"
26-03-586	Boro of Lodi			?	109	"
26-03-591	"	1966	28/48	470	285	"
26-03-594	"			350	85	"
26-03-623	Hackensack Water Co.			189	215	Q
26-03-632	"	1954	130/ 148'8"	168	1700	"
26-03-632	"	1955	168	190	1420	"
26-03-659	Bowler City	1958	120	400	108	Trb
26-03-667	Food Fair Stores	1954	270	525	55	"
26-03-687	Spinnerin Yarn	1965	110	400	55	"
26-03-691	Seilheimer Beverage Co.	1958	115	415	76	"
26-03-715	Farmland Dairy Inc.	1968	12/50	400	25	"
26-03-728	Paterson Parchment Paper Co.			378	53	"
26-03-731	Prescott, J.L. & Co.	1962	90	500	25	"
26-03-731	Tendebrands Frozen Foods	1950	76	230	100	"
26-03-756	Boro of Wallington	1964	118.5	300	30	"
26-03-768	"	1965	40	400	217	"
26-03-793	"			300	330	"
26-03-816	Wright Aeronautical Eqpt.	1957		340	515	"
26-03-817	Tube Reducing Corp.	1954	20	397	90	"
26-03-817	"	1954	31	392	20	"
26-03-859	Terminal Construction Co.	1952	20	145	120	"
26-03-888	Hackensack Water Co.	1955	86	86	300	Q
26-03-888	"	1955		263	No test	Q
26-03-888	Lancaster Chemical Co.	1963	311/287	400	55	Trb
26-03-894	Hackensack Water Co.	1955		243	60	Q
26-03-899	World Plastic Extruders,Inc.	1966	53	200	100	Trb
26-03-924	DeTroy Press, Inc.	1956	67	150	95	"
26-03-962	Stage Coach Inn			565	110	"

J. Geodetic Control Survey monuments described
Index Maps 15,21; adjacent Index Map 16

12/85 SITE EVALUATION ECRA

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
HAZARDOUS SITE MITIGATION ADMINISTRATION
BUREAU OF INDUSTRIAL SITE EVALUATION

ENVIRONMENTAL CLEANUP RESPONSIBILITY ACT (ECRA)

INITIAL NOTICE

GENERAL INFORMATION SUBMISSION (GIS)

This is the first part of a two-part application form. This information must be submitted within 5 days following public release of a decision to close operations or the signing of a sales agreement or option to purchase involving an Industrial Establishment as defined in N.J.S.A. 13:1K-6, the Environmental Cleanup Responsibility Act.

SUBMIT THE ORIGINAL PLUS TWO COPIES OF THIS COMPLETED FORM AND ANY ATTACHMENTS.

Please refer to instructions and N.J.A.C. 7:1-3.7(d) before filling out this form. Answer all questions. Please print or type.

Date: FEB 12 1986

1. A. Industrial Establishment:

Name: Fisher Scientific Division* Telephone No.: (201) 796-7100

Street Address: 1 Reagent Lane

City or Town: Fair Lawn State: New Jersey Zip Code: 07410

Municipality: Fair Lawn County: Bergen

B. Tax Lot Number: 2 Tax Block Number: 4902

C. Standard Industrial Classification (SIC) Number: (s) 2899, 2819, 2869

D. Current Owner (Property):

Name: Allied Health & Scientific Products Company* Telephone No.: (412) 562-8300

Firm: Allied Health & Scientific Products Company

Street Address: 711 Forbes Avenue

Municipality: Pittsburgh State: Pennsylvania Zip Code: 15219

E. Current Operator of Industrial Establishment:

Name: Fisher Scientific Division Telephone No.: (412) 562-8300

Firm: Fisher Scientific Division*

Street Address: 711 Forbes Avenue

Municipality: Pittsburgh State: PA Zip Code: 15219

F. Current Owner (Business, if different from operator):

Name: Allied Health & Scientific Products Co.* Telephone No.: (412) 562-8300

Firm: Allied Health & Scientific Products Co.

Street Address: 711 Forbes Avenue

Municipality: Pittsburgh State: PA Zip Code: 15219

* See Attachment C

FOR DEP USE ONLY

Date Rec'd. _____ Notice No. _____

Attachment L
L-1

A1

G. If the Industrial Establishment discharges sanitary and/or industrial wastes to a publicly-owned treatment plant, provide the name and address of that facility.

Name: Passaic Valley Water Commission Telephone No.: (201) 344-1800

Street Address: 600 Wilson Avenue

Municipality: Newark State: New Jersey Zip Code: 07105

Is a septic system used (or used previously) at the site? ☐ Yes ☒ No

H. Has an ECRA application been filed for this Industrial Establishment or location subsequent to January 1, 1984? ☐ Yes ☒ No If so, when? _____

For what reason _____

Final disposition _____

I. How is this Industrial Establishment heated? (gas, oil, electricity) Gas (alternate oil)

2. List previous activities at the location(s) involved (attach additional sheets if necessary). In addition to describing the activities, list the business name(s), current address(es) and dates of ownership/operation of the previous activity(ies), if known.

1954-1981- Fisher Scientific Company, 711 Forbes Ave., Pittsburgh, PA, 15219. This location as originally constructed was involved in chemical formulating, packaging, purifying, sales & distribuiton of high purity chemicals for consumption by laboratories, hospitals and the chemical manufacturing industry.

From 1981 to the present - see Attachment C.

3. If the transaction initiating an ECRA review is the cessation of operations at this location, fill in the date of public release of the decision to close the facility and enclose a copy of the public announcement. Is a cession of operations involved? ☐ Yes ☒ No

Date of the public release of the decision _____

Is the public release enclosed? ☐ Yes ☐ No

If you checked "no", state the reason(s) _____

4. If the transaction initiating an ECRA review is an agreement of sale or option to purchase, fill in the date of the execution of that instrument plus provide a copy of the document _____

A. Is a sale involved? ☒ Yes ☐ No

B. Date of Agreement See Attachment C. Also see attachment B to the ECRA GIS filing for Air Cruisers Company

C. Is a copy of the agreement of sale or option to purchase attached? ☒ Yes ☐ No See also Attach to the ECRA GIS for Air Crui Company

If you checked "no", state the reason(s) _____

A-

D. Clearly describe the transaction in terms of the action which initiates the ECRA review (e.g., sale of real estate only, sale of real estate and business, cessation of operations only, etc.):

See Attachment C

E. List other parties (purchasers) to the transaction:

NAME	STREET ADDRESS AND MUNICIPALITY	PHONE NO.
The Henley Group, Inc.	375 Park Avenue New York City New York, NY 10152	(212) 832-2200

5. Actual date proposed for closure of operations or transfer of title: See Attachment C

6. Authorized agent designated to work with the Department:

Name: James Wong, Jr. Telephone No.: (201) 455-2156

Firm: Allied-Signal Inc.

Street Address: P.O. Box 2332R

Municipality: Morristown State: New Jersey Zip Code: 07960

7. List all federal and state environmental permits applied for and received at this facility (attach additional sheets if necessary).

Check here if no permits are involved: _____

A. New Jersey Bureau of Air Pollution Control See Attachment A

PERMIT NO.	CERTIFICATE NO.	DATE OF APPROVAL OR DENIAL	REASON FOR DENIAL (If applicable)	EXPIRATION DATE

B. New Jersey Pollutant Discharge Elimination System (Not Applicable[1])

NUMBER	DISCHARGE ACTIVITY	DATE ISSUED OR DENIED	EXPIRATION DATE	BODY OF WATER DISCHARGED INTO
See Note 1 below and 7D				

C. United States Environmental Protection Agency (EPA) Identification Number and copy of the most recent generator Annual Report prepared pursuant to the New Jersey Hazardous Waste Regulations.

ID # NJD 004 362 059

Is a copy of the Annual Report attached? ☒ Yes ☐ No See Attachment B

D. All other federal, state, ~~local governmental permits~~.

AGENCY ISSUING PERMIT	PERMIT NUMBER	DATE OF APPROVAL OR DENIAL	EXPIRATION DATE
Passaic Valley Sewerage Commission	08403070	4/16/81	4/16/86*
USNRC (Materials Lic.)	29-10211-01	12/1/83	2/28/89
USNRC (Materials Lic.)	SMB-201	11/14/80	7/31/86

8. If applicable, identify all administrative orders, temporary or permanent injunctions, civil administrative penalties, or criminal actions concerning the environment issued against the facility, its owners, or managers during the last ten years.

Check here if no enforcement actions are involved ____

A. Date of Action May 5, 1981

Section of Law or Statute violated Title 7, Chapter 27 Subchapter 16, Section 16, 6 (f)1

Type of Enforcement Action Administrative Order

Description of the Violation Fisher Scientific Company did fail to submit a plan to achieve compliance for source operations relating to volative organic substances.

How was the violation resolved? Required information was submitted on 7/28/81.

Note[1]: Sanitary and process waste water are discharged to the Passaic Valley Sewer Commission as authorized via SIU permit program. This program is administered under State and Federal authority.

B. Date of Action March 21, 1984

Section of Law or Statute violated Not Applicable

Type of Enforcement Action Administrative Consent Order

Description of the Violation In 1978 the Borough of Fair Lawn discovered the presence of volatile organic chemicals in Borough of Fair Lawn wells.

How was the violation resolved? Initial hydrogeologic investigation was submitted to NJDEP on 9/28/84 and quarterly groundwater monitoring is routinely conducted. Payments totalling $610,000 were made to the Borough of Fair Lawn by 9/17/84 for the installation and operation of a water treatment system. A Remedial Action/ Feasibility Study was submitted to NJDEP on 7/26/85 and is currently being reviewed by the agency.

(Add additional pages, if necessary)

I hereby certify that the information furnished on this application and any attachments is true. I am aware that false swearing is a crime in this State. I am cognizant that providing false information is a violation under ECRA and that I may be personally liable for penalties up to $25,000 per day.

Richard K. Smith

Signature

Richard K. Smith

Name (Print or Type)

Manager, Pollution Control

Title

12/24/85

Date

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ATTACHMENT A
ITEM 7A NEW JERSEY BUREAU OF AIR POLLUTION CONTROL PERMITS

PERMIT NO.	CERTIFICATE NO.	DATE OF APPROVAL OR DENIAL	REASON FOR DENIAL	EXPIRATION DATE
001	006743	12/27/77	------	12/27/87
002	019342	8/20/70	------	8/20/90
003	022824	5/10/76	------	6/8/87
004	023418	8/4/76	------	10/13/88
005	040440	8/23/78	------	8/14/88
006	040441	8/23/78	------	8/22/88
007	052201	11/12/81	------	11/12/86
009	068379	8/28/84	------	5/24/90
010	052200	12/30/81(1)	------	------
011	062848	11/22/82	------	11/22/87
012	062849	11/22/82	------	11/22/87
013	070520	1/16/85(1)	------	------
015	066973	2/15/84	------	5/9/90
016	070521	1/16/85(1)	------	------
017	070601	1/28/85		1/22/86
018 (2)	N/A	9/5/85		N/A

(1) 90 Day Temporary Operating Certificates, extended every 90 days.

(2) Letter of Approval for New Source Construction/Modification.

ATTACHMENT C

1A, D, E, F AND 2. Fisher Scientific Division is a division of Allied Health & Scientific Products Company, a Delaware corporation, which, in turn, is a wholly-owned subsidiary of Allied Corporation ("Allied"), a New York corporation. Allied Corporation is a wholly-owned subsidiary of The Signal Companies Inc. ("Signal"), a Delaware corporation. Allied purchased Fisher Scientific (then Fisher Scientific Company) in 1981.

Prior to 1951, this property was open, undeveloped land. Previous use of the land is believed to have been farming. Property was purchased from Marshall and Mary Rooney.

4B, C, D, AND 5. This transaction is a spin-off. Allied-Signal Inc. ("Allied-Signal"), a Delaware corporation, has two principal assets-- Allied, an indirect wholly-owned subsidiary, and Signal, a direct wholly-owned subsidiary. See Attachment B to the ECRA GIS filing for Air Cruisers Company.

Allied-Signal has formed a new corporation named The Henley Group, Inc. ("Henley"), a Delaware corporation. Shortly, certain assets of both Allied and Signal will be transferred to Henley in accordance with the Attachment B to the ECRA GIS filing for Air Cruisers Company. Such assets will include the industrial establishment referred to in 1A. Upon implementation of such agreements, Allied-Signal will transfer all the voting stock of Henley to Allied-Signal shareholders. Allied-Signal will, however, hold preferred shares of Henley which will give Allied-Signal 20 percent of the voting shares and 30 percent of the equity of Henley.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT

INSPECTION REPORT

File: 02-17-03

REPORT PREPARED FOR:

- [x] Generator
- [ ] Transporter
- [x] HWM (TSD) Facility

FACILITY INFORMATION

Name: FISHER SCIENTIFIC COMPANY

Address: 1 REAGENT LANE
FAIR LAWN, NJ 07410

Lot: 1 Block: 4902

County: BERGEN

Phone: 201-796-7100

EPA ID#: NJD004362059

Date of Inspection: 12/12/86

PARTICIPATING PERSONNEL

State or EPA Personnel: JEFFREY A. STERLING
WAYNE GREEN

Facility Personnel: Florencio Morgan, Jay Young
RAY Merrell

Report Prepared by Name: JEFFREY A. STERLING

Region: Metropolitan

Telephone#: 201-669-3960

Reviewed by: Yacat Emile Yacat

Date of Review: 01-05-87

F-2

B1

a · 12/28/86

SUMMARY OF FINDINGS

FACILITY DESCRIPTION AND OPERATIONS

On 12/12/86, a RCRA inspection was conducted at Fisher Scientific Company in Fair Lawn, NJ. The contacts at the facility were Florencio Moran, Jay Young, and Ray Mersell. The DEP inspectors were Jeffrey Sterling and Wayne Green.

Fisher Scientific Company is engaged in the manufacture and ~~fa~~ repackaging of lab grade chemicals and solutions. The major operation at this location consists of repackaging. The materials that are repackaged here come on site in bulk. Fisher may directly repackage the materials or they may purify them prior to repackaging. It should be noted that Fisher Scientific Company buys raw chemicals that are very pure. However, Fisher Scientific usually requires extremely pure chemicals since they primarily supply pharmacies, hospitals, schools, and laboratories with chemicals and repackaged materials.

This facility purifies incoming chemical solvents (origin materials) by distillation. They also purify the distilled solvents by employing oleum, a wash solvent. (Oleum is an extremely strong acid which is manufactured by Dupont). In addition to upgrading industrial solvents, ~~and~~ manufacturing chemicals, and repackaging chemicals, Fisher Scientific also conducts extensive laboratory analyses of the chemicals they handle on site (to ensure purity).

The facility stores many of their raw materials onsite in above ground tanks. For instance, they store methylene chloride, [illegible]

-A-

SUMMARY OF FINDINGS

FACILITY DESCRIPTION AND OPERATIONS

caustic potash, acetic acid, and other solvents in above ground tanks that range in sizes from 3,000 to 4000 gallons. Fuel oil that is used in their boilers is stored in 2 underground tanks; each has a capacity of 10,000 gallons. The tanks are approximately 20 years old and Fisher Scientific indicated that they were tested for integrity earlier this year (1986) and that no leaks were detected.

The facility operates various scrubbers for air pollution control. They employ scrubbers that use a caustic scrubbing solution and they also use water scrubbers for particulate removal. According to the facility contact, about six scrubbers are in use at this site. The spent caustic scrubbing solutions are neutralized onsite and are subsequently discharged to the local POTW (Passaic Valley Sewerage Commissioners). The company does have a Permit from the POTW. Their permit # is 08403070. Fisher Scientific also possesses permits from NJDEP - Division of Environmental Quality (Air).

The extent of onsite treatment of hazardous wastes consists of cyanide destruction and neutralization of acidic or basic solutions. The effluents from the onsite treatment gets checked for ph, etc (according to their sewer connection permit) and are discharged to the local POTW. Also discharged to the local POTW are noncontact cooling water, wash water from floor cleanings, and all other process water that can be discharged to the sewer. For all cases the discharge to

-A-

SUMMARY OF FINDINGS

FACILITY DESCRIPTION AND OPERATIONS

the POTW is checked.

The treatment (neutralization and cyanide destruction) processes are conducted in three above ground tanks. One is a 500 gallon tank and the other two are 100 gallon tanks each. One of the 100 gallon tanks is used only as a back-up. The 500 gallon tank is hooked up to a caustic scrubber also. None of the tanks store hazardous waste. They only contain wastes during the treatment process. All the tanks are listed. It should be noted that the 500 gallon tank is used for acid/base neutralization and the 100 gallon tank (excluding the back-up) is used to treat cyanide.

Wastes that can't be safely treated onsite (such as highly acidic wastes) are manifested offsite for treatment. The facility generates wastes from processes such as:

1) manufacturing
2) line flushes
3) bad batches
4) lab research
5) expired stock
6) returned goods from other Fisher sites.

Many of the "wastes" that Fisher handles are wastes because they are off-specification for Fisher only. These same wastes, in most cases, are re-usable by other facilities who don't require a very pure grade of a solvent, for example

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ES

-A-

SUMMARY OF FINDINGS

FACILITY DESCRIPTION AND OPERATIONS

In cases where Fisher can't rework ~~or~~ sell their hazardous wastes (by definition) they are disposed of offsite. The wastes that are returned to this site from other Fisher facilities are sent with hazardous waste manifests. Prior to 8/86 no manifests were used for wastes that came onsite from other Fisher facilities. Only a DOT bill of lading was used then. These shipments are typically very small quantity shipments of usually expired stock.

Manifests for offsite shipments were reviewed. In 1985 the facility made 26 shipments offsite. An average of 2 shipments were made every month during that period except for September when no shipments were made. Manifests for 1986 (up to the time of this RCRA inspection) totaled 26, with a shipment being made every month of this year. Manifests that document the incoming shipments from other Fisher locations were also reviewed.

This site has extensive soil and ground water contamination due to past practices. The facility entered into an agreement with the NJDEP in 1984 to remediate the soil contamination on site. This year the company began to remove contaminated soils offsite through a contractor. Soil removal was being conducted while the RCRA inspection was taking place. The excavated soils are sent to Wayne Disposal in Michigan via ~~the~~ hazardous waste manifest. The soil removal started in November

BD

-A-

SUMMARY OF FINDINGS

FACILITY DESCRIPTION AND OPERATIONS

1986 and 106 shipments were made between 11/14/86 and 12/10/86 inclusive. Each shipment totaled 15 cubic yards. The soils were described on the manifests as F001, F002, F003 and F005 waste type. Fisher Scientific said that this site was a CERCLA cleanup site.

TSD facilities utilized by this facility in 1985 are

(1) Cecos Treatment Corporation, Bristol CT.

(2) Cecos International, Niagara Falls, NY.

(3) Marisol, Inc., Middlesex, NJ and

(4) AETC Flanders, NJ. (see attached 1985 Annual Report

All of the facility's records which are required under RCRA were reviewed and were found to be adequate. Semi-annual drills are not conducted at this facility. In June 1986 they petitioned the NJDEP (see APPENDIX A) for an exemption from semi-annual drills. They also provided copies of letter from the local emergency response team & police department which indicated that the local groups feel that one drill per year is sufficient. To date, the NJDEP has not responded to Fisher's request for an exemption. The company did have a drill this year to satisfy the requirements of NJAC 7:26-9.4(g)8 (in lieu of semi-annual drills).

The hazardous waste treatment and storage areas were inspected. The treatment tanks were empty and they were within diked areas. The hazardous waste were stored in 55

-A-

SUMMARY OF FINDINGS

FACILITY DESCRIPTION AND OPERATIONS

gallon drums. The storage area was outside (no roof) and the containers were stored on concrete. There was no containment system for the storage area, which was sloped toward the excavation pit (for soil removal). Corrosive, ignitable, and toxic waste were seen in storage. One drum had no label and one's label was not visible for inspection. The drums were stored in three ~~rows~~ and ~~229~~ 130 drums of hazardous wastes were in storage. Except for labeling, the containers were stored in accordance to the regulations. Fisher was cited for violating NJAC 7:26-9.4(d)4v concerning the labeling requirements.

—B—

Describe the activities that result in the generation of hazardous waste.

1. line flushes
2. lab tests
3. returned goods from other Fisher locations
4. off spec material
5. bad batches

Identify the hazardous waste located on site, and estimate the approximate quantities of each. (Identify Waste Codes)

1. 97 - 55 gal drums of waste acids (D002)
2. 6 - 55 gal drum of waste cleaning soln (D002)
3. 1 - 55 gal dm. of waste line flush (phenol) U188
4. 4 - 55 gal drum of haz waste soil (X910)
5. 9 - 55 gal dm. of flam. solid (D001)
6. 56 - 55 gal drum of haz. waste lq. (F002)
7. 2 - 55 gal dm of copper sulfate (—)
8. 1 - 55 gal dm of overpack chemicals (X910)
9. 1 - 55 gal dm of waste nitrotoluene * (U169)

* nitrotoluene also called para-methyl, Trobenzene code (U169) is for nitrobenzene.

File: 02-17-03

WESTON

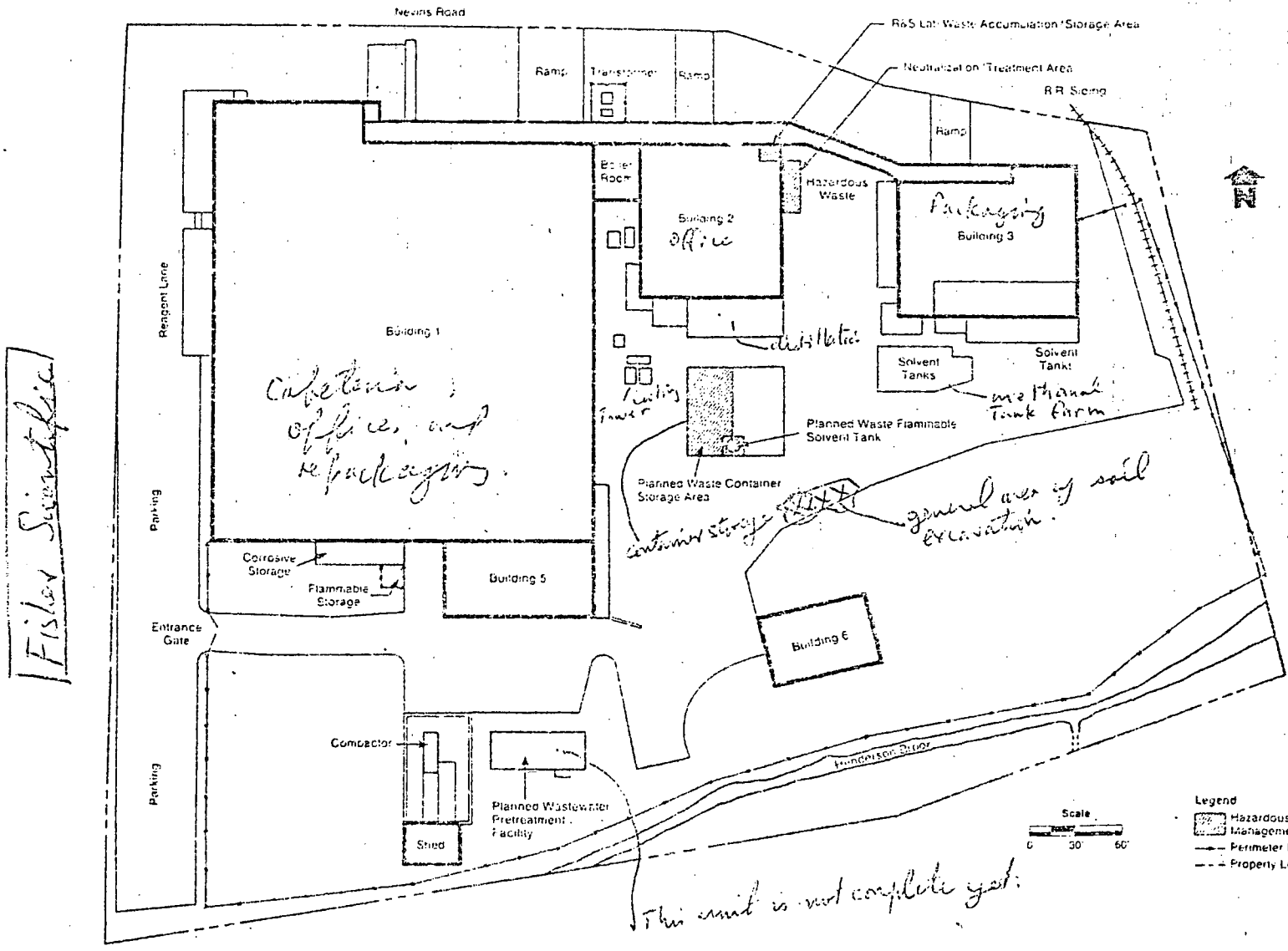

FIGURE B-2 FACILITY PLAN

REMEDIAL INVESTIGATION
FISHER SCIENTIFIC COMPANY
FAIR LAWN, NEW JERSEY

FISHER - RI

September, 1984

Prepared by:

Roy F. Weston, Inc.
Northbrook, Illinois

W.O. 2408-02-01

Robert J. Karnauskas, P.G.
Senior Hydrogeologist/Project Manager

Walter M. Leis, P.G.
Project Director

C1

EXECUTIVE SUMMARY

During the period of March through September 1984, Weston conducted a Remedial Investigation at the Fisher Scientific Company (Fisher) facility in Fair Lawn, N.J. in accordance with the requirements of the Administrative Consent Order negotiated with the New Jersy Department of Environmental Protection (NJDEP). The objectives of the investigation were:

- Evaluate the occurrence of volatile organic compounds in the unsaturated zone on the Fisher property.
- Evaluate the occurrence and movement of groundwater and contaminants in the subsurface.

Five additional monitoring wells were installed to supplement groundwater quality data available from seven previously existing wells on-site. Four of these monitoring wells extended to the 70 to 100 ft. depth interval to evaluate groundwater quality and flow at depth. Three rounds of groundwater samples were collected from each monitoring well and the two plant wells for laboratory analysis.

The soil boring program consisted of the performance of 67 boreholes (530 linear feet) across the site to evaluate the extent and magnitude of volatile organics in the unsaturated zone (the interval between the ground surface and the water table). The presence of volatile organics in the unsaturated zone was evaluated utilizing an Organic Vapor Analyzer (OVA) and HNu photoionization detector as a field screening technique to guide the drilling program in identifying areas on-site exhibiting potentially higher volatiles concentrations. Field measurements using the OVA and HNu were supplemented by quantitative and qualitative analysis of 45 representative samples in the laboratory.

The Fisher plant is underlain by 10 to 30 feet of unconsolidated glacial deposits composed of medium dense to dense, reddish-brown sand and silty sand with occasional lenses of silty clay. Underlying the glacial deposits are fractured reddish brown sandstones and shales of the Brunswick formation. } site geology

Groundwater flow patterns at the water table have remained consistent with time although seasonal fluctuations in the

B-2

C 2

water table elevation of 5 to 10 feet do result in minor directional changes. In the eastern part of the Fisher site, the water table is situated in the unconsolidated glacial deposits. In the western part of the site, the water table occurs within fractured bedrock where the bedrock elevation is higher and the water table is lower. The water table within the unconsolidated glacial deposits and bedrock is a single, interconnected flow system. Horizontal ground water flow is generally in a westward direction across the site. Estimated average horizontal ground water flow velocities range from approximately 0.005 to 0.1 ft. per day.

The vertical component of ground water flow is downward at gradients that are similar to horizontal gradients at the water table. Downward ground water flow occurs to the deeper portions of the aquifer through fractures in the bedrock. Horizontal ground water flow at the 70-100 foot zone occurs to the northwest at velocities consistent with those observed at the water table.

The report conclusions with regard to the magnitude and extent of soil and ground water contamination are as follows:

Soil Contamination

1) The investigation demonstrates that use of the OVA and HNu equipment is a valid field screening protocol for efficient delineation of areas of soil contamination at the site.

2) The results of the soil boring program and related laboratory testing indicate that there are several areas of volatile organic compounds in the soils on site.

3) The occurrence of volatile organic compounds on-site is attributed to releases of a dispersed nature over the period of plant operation. The subsurface investigation found no indication of buried drums or other non-earth fill which would indicate specific sources of volatiles below ground surface.

4) Volatile organic compounds occur in the unsaturated soil zone in several areas on-site. The largest area of contamination and the one containing the highest concentrations of contaminants, is located around Building 3. This area extends from the former bulk transfer area at the railroad siding southeast of

B-3 C3

Building 3, westward through several solvent tank containment areas, and northward to include the area between Buildings 2 and 3. Of the thirteen parameters detected in soil samples from the Fisher site, eleven were found in the Building 3 area. Total VOC's in soil in this area range from about 5 ppm to as much as 320 ppm.

5) An isolated area of contamination was found in the soil along a sewer lateral south of Building 1. Only trichloroethene, methylene chloride and chloroform, which are very common contaminants at the site, were found at low levels with total concentrations ranging from about 5 ppm to 10 ppm.

6) Isolated areas of contamination were also found at Manhole 1 and west of the shed area. These areas contained very similar suites of parameters at total concentrations of about 25 ppm and 33 ppm respectively.

7) Manhole 5 and the area between Buildings 1 and 2 are also sites of isolated contamination. At Manhole 5, 16 ppm of tetrachloroethene was detected; and at B-21, seven parameters totaled about 46 ppm.

8) Where volatile organics are found in the soil, contamination appears to be uniform from about 1.5 ft. below ground surface to the water table. Contaminants increase at or near the water table due to volatilization of organics from the groundwater.

9) No volatile organic compounds could be detected above ambient levels at the ground surface where soil aeration, biological activity and organic matter facilitate volatilization and/or decomposition of the contaminants.

Ground Water Contamination

1) Contamination of groundwater at the site can be related to the occurrence of volatile organic compounds found in the unsaturated soil zone.

2) Well FS-06, near the dry well area typically exhibits the highest contaminant concentrations on-site. Major contaminants include chloroform, 1,2-dichloroethane, carbon tetrachloride, trichloroethene, benzene, tetrachloroethene, toluene, ethylbenzene and xylenes. Migration of contaminants has occurred from this area downgradient toward Well FS-12 and deeper into the aquifer to piezometer FS-10P. High density (>1.4) contaminants chloroform, carbon tetrachloride and

B-4 C4

trichloroethene comprise the major compounds in Wells FS-12 and FS-10P.

3) The groundwater mound which occurs in the Building 3 and Bulk Transfer area coincides with a likely area of higher groundwater contaminants on-site due to the concentration of volatile organics remaining in the unsaturated zone. High specific gravity contaminants (density >1.4) are moving with the groundwater toward the northwest, west and southwest.

4) Well FS-03 exhibits higher concentrations of a variety of compounds found immediately east and upgradient in the unsaturated zone around the Building 3 and Bulk Transfer areas. Well FS-03 also exhibits higher acetonitrile concentrations likely related to processing of acetonitrile immediately south of Building 2.

5) Low levels of volatile organics are found in soils adjacent to Wells FS-01 and FS-07 which do not account for relatively high concentrations observed in the groundwater. Contaminants observed in the groundwater at these locations are derived from migration from the Building 3 vicinity.

6) Groundwater contamination occurs at Well FS-05 at levels greater than can be attributed to its downgradient position from the dry well. Other contamination apparently occurred adjacent to this well or in the compactor vicinity which contributed to the elevated concentrations observed.

compactor

7) The deeper aquifer zone (70 to 100 foot interval) is characterized by higher density (>1.4) contaminants chloroform, carbon tetrachloride and trichloroethene. Low density (<1.0) compounds benzene, toluene, ethylbenzene and xylenes are major contaminants at the water table and are observed at typically less than 100 ppb in the deeper piezometers.

8) With the exception of benzene, horizontal migration of contaminants off-site is largely limited to high density compounds. High concentrations of compounds with low densities (<1.0) observed in individual wells are notably absent in downgradient wells indicating these compounds are remaining on-site near the source of entry through the soils. These low density compounds include toluene, ethylbenzene, xylenes and acetonitrile.

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SECTION 1

1.1 INTRODUCTION

By authorization of Fisher Scientific Company (Fisher), Roy F. Weston, Inc. (Weston) has conducted a remedial investigation at the Fisher Scientific Company, Fair Lawn, New Jersey facility. The facility is located at One Reagent Lane, Fair Lawn, New Jersey, Bergen County. This report describes the goals, approaches, results and conclusions of the field investigation performed on the Fisher property during the period of March through July 1984.

Due to the volume of data presented herein as part of this investigation, the information has been compiled in two (2) volumes as follows:

Volume 1 - Technical Report

Volume 2 - Technical Report - Appendicies

Volume 1, the Technical Report, has been organized with the tables and figures bound at the end of the narrative sections. This format was selected since tables and figures are referenced throughout the report and will aid the reader in locating and comparing the data illustrated. Preliminary field data at this site has been compiled in a previous Weston report dated December 1983 titled "Hydrogeologic Investigation at the Fisher Scientific Company, Fair Lawn, New Jersey Facility". The present report contains data that

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is supplemental and is an expansion of the data presented in the earlier report.

1.2 BACKGROUND

In 1978, the Borough of Fair Lawn detected the presence of volatile organic compounds in four municipal supply wells located within and adjacent to the Fair Lawn Industrial Park. Weston performed an initial hydrogeologic survey for the Borough of Fair Lawn in January 1981 to evaluate, on a regional basis, the presence and potential sources of organic compounds detected in the Borough water supply wells. The January 1981 study and subsequent surveys performed by the Division of Water Resources of the New Jersey Department of Environmental Protection (NJDEP) suggested that the organic contaminants were derived from the Fair Lawn Industrial Park area. Some of the organic compounds detected in the Borough water supply system had been handled by Fisher between approximately 1955 and 1974.

In response to the above concerns, the NJDEP issued a directive on 12 May 1983 to Fisher to conduct a hydrogeologic evaluation of the Fisher Fair Lawn plant. The hydrogeologic evaluation, conducted between August and November 1983, included the sampling and analysis of groundwater samples from seven groundwater monitoring wells installed on the Fisher property. The results of the investigation were published in a report by Weston titled

"Hydrogeological Investigation at the Fisher Scientific Company, Fair Lawn, New Jersey Facility" on 16 December 1983. The report concluded that contamination by volatile organic compounds had occurred in the groundwater under the Fisher property.

Between January and March 1984, Fisher cooperated and worked with NJDEP in identifying a solution to the Borough groundwater contamination problem which resulted in the development of an Administrative Consent Order (ACO) executed on March 21, 1984. Key elements of the ACO are as follows:

- The performance of a Remedial Investigation to evaluate the source, occurrence and movement of contamination in soil and groundwater on the Fisher property.

- The performance of a Feasibility Study to evaluate Remedial Action Alternatives for the site which effectively mitigates, minimizes damages to, and provides adequate protection of the public health, welfare and the environment.

- A schedule of payments for expenses incurred by the Borough as a result of the contamination and the establishment of financial assurances for executing the remedial action at the facility.

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A copy of the ACO is contained in Appendix A.

1.3 PURPOSE AND SCOPE

The purpose of the present investigation is:

- Evaluate the occurrence of volatile organic compounds in the unsaturated zone on the Fisher property.

- Evaluate in greater detail the occurrence and movement of groundwater and contaminants in the subsurface.

The investigation is intended to comply with the remedial investigation requirements described in the ACO. The scope of work included the performance of the following tasks:

- The production of an overall plan of study for NJDEP review and concurrence.

- The performance of a soil boring and sampling investigation designed to delineate the potential extent of volatile organics contamination in the unsaturated zone on the Fisher property.

- The installation of five additional groundwater monitoring wells on-site to enable assessment of

C9

horizontal and vertical groundwater flow and contaminant movement.

- The collection and analysis of groundwater samples from the monitoring wells and plant wells located on-site.

- The completion of an elevation survey to establish casing elevations of the monitoring well network.

- The analysis of data collected and evaluation of on-site contamination in accordance with the project objectives.

This report, which describes the results of the above tasks, is prepared for submittal to NJDEP for review and comment.

1.4 ACO COMPLIANCE SCHEDULE

The ACO delineated a specific compliance schedule for the completion of the various tasks required in this investigation. All aspects of the ACO compliance schedule have been strictly followed in the performance of this investigation. The ACO compliance schedule and actual completion dates are as follows:

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Work Element	ACO Compliance Date	Actual Completion Date
Submit soil boring and sampling plan	5 April 1984(1)	5 April 1984
Install monitoring wells	19 June 1984(2)	16 June 1984
Complete soil boring investigation	9 August 1984(3)	25 July 1984
Sample monitoring wells	19 July 1984(4)	5 July 1984
Submit Remedial Investigation Report	2 October 1984(5)	1 October 1984(6)

(1) 15 days from effective date of ACO (21 March 1984).

(2) 90 days from effective date of ACO (21 March 1984).

(3) 60 days from NJDEP approval of soil boring and sampling plan (11 June 1984).

(4) 30 days from installation of monitoring wells (16 June 1984).

(5) 195 days from effective date of ACO (21 March 1984).

(6) Anticipated date of report receipt by NJDEP.

SECTION 2

DATA COLLECTION ACTIVITIES

2.1 SOIL BORING PROGRAM

During the period of July 10 through July 25, 1984, Weston implemented the soil boring program described in the plan of study of June 1, 1984, as approved by the NJDEP. The soil boring program was designed to identify potential areas of the Fisher property containing high concentrations of volatile organics in the unsaturated zone. The investigation included the following key work elements:

- Completion of 32 initial borings totaling 325 lineal feet to evaluate the existence and possible extent of soil contamination by volatile organics.

- Completion of 35 supplemental borings totaling 205 lineal feet to evaluate "hot spots" -- as defined by field organic vapor analysis screening of soil samples -- in greater detail.

- o Laboratory analysis of 45 representative soil samples to provide quantitative and qualitative characterization of the contaminants and their distribution.

2.1.1 Boring Locations

Based on knowledge of past site activities relating to the handling of volatile organics, six areas at the Fisher plant were selected for initial investigation. These zones are (See Figure 1):

Zone 1 Dry well area, south of Building 6.

Zone 2 Drum storage and adjacent areas, south of Building 2.

Zone 3 Bulk transfer area, east and south of Building 3.

Zone 4 Manholes, along west and north perimeter of the property.

Zone 5 Shed area, south of Building 1.

Zone 6 Background, all other plant areas.

Initial borings were located on a grid pattern in Zones 1, 2, 3, 5 and 6 to achieve the most effective areal coverage during the investigation. Borings in Zone 4 were placed next to each manhole. A total of 32 initial borings were drilled.

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Following the completion of the initial borings a supplemental boring plan was developed in the field. The purpose of these borings was to delineate the aerial extent of soils appearing to exhibit the highest volatile organic organic concentrations in greater detail. A total of 35 supplemental borings were drilled.

The soil boring and sampling locations for both initial and supplemental borings were determined by tape measure from known building corners or other distinctive site features identifiable from plant layout blueprints provided by Fisher. The locations of both initial and supplemental borings are shown in Figure 2.

2.1.2 Decontamination of Drilling and Sampling Equipment

Decontamination of the drilling rig was performed prior to mobilization on-site to remove surface grease, oil and gasoline which could potentially affect the integrity of the field and laboratory data. This decontamination consisted of:

- Steam cleaning of the drill rig flat bed, tower and associated areas to remove as much grease, oil and gasoline as practical.

- Steam cleaning of the hollow steam augers inside and outside as well as compartments in which the augers were stored.

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SECTION 3

RESULTS OF INVESTIGATION

3.1 GEOLOGY

3.1.1 Regional Geology

Fair Lawn, New Jersey, is located in the Newark Basin Physiographic Province. This basin is a linear, southwest-trending belt of Triassic to Jurassic age sedimentary and igneous rocks that extend through the state from the Hudson River to the Delaware River north of Trenton. The sedimentary column is interrupted at several horizons by intervals of igneous rocks of both extrusive and intrusive origin. The entire Newark series thickens to the northwest toward a fault boundary against which the sediments were deposited.

Except for a gentle northwest dip, the rocks underlying Fair Lawn are relatively underformed and no regional metamorphism has occurred. Although the rocks have virtually no intergrannular porosity, numerous joints and fractures, formed in response to regional stresses, have produced a secondary porosity in the rock. This porosity is generally higher near the surface where confining stresses are lowest. The yield of ground water to supply wells depends on intersecting the saturated fractures and joints that comprise secondary porosity features. Fractures and joints

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tend to be perpendicular to bedding planes and intersect the bedrock surface at high angles.

In relatively recent geologic history, the northern New Jersey area has been glaciated and the Triassic-Jurassic bedrock has been covered with a veneer of glacially deposited sediments. Much of Bergen County was covered during the Late Wisconsinan by the water of proglacial Lake Hackensack. Fair Lawn, while not covered by Lake Hackensack, was adjacent to the southeast shore of the lake. The rise and fall of the lake level and its outflow had the effect of depositing a large outwash plain over the area now occupied by Fair Lawn. Permeabilities within this outwash sequence may vary by several orders of magnitude.

3.1.2 Site Geology

The Fisher plant is underlain by 10 to 30 feet of unconsolidated sediment consisting of glacial deposits. As part of the development of the Fair Lawn Industrial Park and the Fisher plant, the glacial deposits have likely been redistributed to some extent to suit site development and promote drainage. Consequently, low areas have been filled in which would account for methane being observed at a number of boring locations. Naturally occuring methane would be produced by the process of covering organic soils and subsequent anaerobic decomposition of the biological matter. As indicated from the soil boring logs (Appendix

C16

B), the glacial deposits are composed of medium dense to dense, generally reddish brown, sand and gravel to silty sand with occassional lenses of silty clay. While no one layer is clearly continuous across the whole site, silty sand comprises the majority of the sediment found. The silty clay lenses are generally thin and discontinuous; and, while found throughout the site, the fine grained lenses are notably common in the southeast part. Sandstone boulders and cobbles derived from the underlying bedrock were commonly encountered below about 8 feet.

Underlying the glacial deposits at the site are reddish brown sandstones and shales of the Brunswick Formation, Newark Group. Boring logs from the installation of the newer monitoring wells extending to the 100 ft. depth (Appendix E) indicate that sandstone is the predominant lithology. Thin interbeds of shale are common, and occasional layers of shale up to 9 feet thick were found. The topography of the bedrock surface is shown in Figure 5. The highest point on the rock surface is at FS-03 and FS-9P, just south of Building 2. A low ridge trends southwest toward FS-05 and FS-11P. The surface slopes gently to the northwest and more steeply to the southeast and northeast from the ridge. The location and shape of the bedrock high is consistent with structurally and stratigraphically controlled features evident from examination of regional ground surface topography.

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3.2 HYDROGEOLOGY

3.2.1 Ground Water Occurrence

The glacial deposits and bedrock formations underlying the site are all sufficiently permeable to be considered aquifers for the purposes of this investigation. Ground water is found within both of these materials, and it moves in response to natural and pumping influences rapidly enough for contaminant migration to be of concern. The glacial deposits and rock formations are hydrologically interconnected. Exchange of water between the two materials is governed by permeability contrasts and the density of bedrock joints and fractures.

The glacial deposits are primarily composed of medium dense silty sand with lenses of sand and gravel and of silty clay. Thus, the glacial deposits generally have a moderately low permeability, but also contain discontinuous layers or zones of higer and lower permeabilities. These variations in permeability can have a significant impact on contaminant migration.

Permeabilities, calculated from baildown recovery tests, are shown in Table 3. These tests measure the rate of recovery of the water level in a well after an instantaneous withdrawal. Because the wells penetrate materials of varying permeability, the test results represent an averaged

C18

permeability of the strata open to the well. The test results for wells open only to glacial deposits ranged from 2.1×10^{-4} cm/sec to 4.9×10^{-4} cm/sec. Test results for wells open to both glacial deposits and rock were somewhat lower, ranging from 4.7×10^{-5} cm/sec to 2.1×10^{-4} cm/sec.

The predominant bedrock lithology is sandstone that appears to contain numerous, thin interbeds of shale. Layers of shale as much as 9 feet thick were also encountered. Since its original deposition, the sandstone at the site has lost much of its primary or intergranualar porosity as a result of rock forming processes. Most of the porosity, and permeability, now present is due to secondary features -- fractures and joints. Fractures and joints are planar and commonly occur in sets having distinct orientations that can be related to depositional or deformational stresses.

Permeabilities for wells open only to rock are also shown in Table 3. In this situation, the baildown test averages the relatively higher permeabilities of fractured zones with relatively lower permeabilities of unfractured zones. The test results for rock ranged from 6.6×10^{-7} cm/sec to 5.6×10^{-5} cm/sec with most values between 1.2×10^{-5} cm/sec and the maximum value. Because contaminant migration will occur predominantly along fractures, use of these permeabilities to estimate migration rates should be adjusted for the averaging effect of the baildown test.

C19

Since the occurrence and frequency of fractures in bedrock tends to decrease with depth, the permeability can also be expected to decrease in the deeper wells (FS-08P through FS-11P) compared to shallower wells (FS-05, FS-12) cased into bedrock. This trend is most apparent in Wells FS-10P and FS-11P.

Depth to the water table at the Fisher Scientific site ranges from about 5 to 20 feet. Water level measurements from August 1983 to August 1984 are shown in Table 4. The water table is in the glacial deposits in the eastern part of the site. As much as 19 to 22 feet of saturated soils are present in this area. In the western part of the site, the water table is close to or below the soil rock interface. The relationship of the water table to the site geology is illustrated on Figure 24.

Configurations of the water table on September 9, 1983 and July 26, 1984 are shown in Figures 6 and 7 respectively. (The relationship of the water table to the soil rock interface can be seen by comparing these figures with Figure 5.) The basic shape of the water table is the same with time for the period of record. The water table is relatively flat in the eastern part of the site and considerably steeper in the western part. The September 1983 map represents one of the lower water table positions, the July 1984 map one of the higher positions. Annual

fluctuation of the water table ranges from about 3 to 10 feet, with greater fluctuation occuring in the western part of the site.

The installation of four piezometers to a depth of 70 to 100 feet allows the distribution of piezometric head at that zone to be determined. The surface defined by water level measurements in the four piezometers (FS-8P, FS-9P, FS-10P and FS-11P, included in Table 3) on July 26, 1984 is shown in Figure 8. The piezometric surface of the 70 to 100 foot zone is nearly planar and dips rather steeply to the northwest. The difference in elevation between this piezometric surface and the water table ranges from less than one foot in the southwest corner of the site to as much as 10 feet in the vicinity of Buildings 2 and 3. In all cases, the piezometric surface is lower than the water table, indicating a vertically downward component of groundwater flow exists on-site.

3.2.2 Ground Water Movement

Ground water flow systems at the Fisher site are controlled by variations in subsurface conditions and the interaction of natural and pumping influences. Horizontal flow at the water table is perpendicular to the contours of the water table surface. Flow in the eastern part of the site, where the water table is in soil, varies from northwest along Nevins Road, to west in the vicinity of FS-03 and FS-9P, to

C21

southwest and south in the grassy area east of Building 6. A small ground water divide is present to the southeast of Building 3. Flow in the western part of the site, where the water table is in rock, appears to be mainly to the west. However, if the fractures impart a significant anisotropy to the rock, flow may actually be at some angle to the contours.

Average linear flow velocities for ground water at the water table can be estimated using the following relationship:

$$V = \frac{Ki}{n}$$

Where: V = Velocity of flow

K = Coefficient of permeability

i = Hydraulic gradient (vertical or horizontal)

n = Porosity

Permeabilty values are available from the baildown tests. Values for soil only will be used in the eastern part of the site. Values for soil and rock will be used for the western part. Horizontal hydraulic gradients are equal to the slope of the water table surface. Gradients in the eastern part of the site ranged from 0.020 ft/ft to 0.0033 ft/ft in September 1983 and from 0.013 ft/ft to 0.0037 ft/ft in July 1984. Gradients in the western part of the site ranged from 0.028 ft/ft to 0.033 ft/ft in September 1983 and from 0.020 ft/ft to 0.028 ft/ft in July 1984. Porosities for soil and fractured rock, estimated from tables published in the literature are 35 percent and 20 percent, respectively.

C22

Comparison of these velocity estimates suggests that substantially greater amounts of water are moving vertically from the water table to deep rock zones in the northeastern part of the site. It is not clear whether this is due to pumping of the plant's production wells or or whether this is due to the presence of a greater reservoir of water available for deep recharge in the unconsolidated deposits in that area. The average velocites in the vertical direction are generally in the same range as the horizontal velocities estimated previously.

3.3 ON SITE SOURCES OF CONTAMINATION

3.3.1 Overview

Fisher has handled volatile organic chemical at its Fair Lawn facility for a number of years. Knowledge of past practices and processes was used to focus the soil boring program discussed above. This information, derived from conversations with Fisher personnel, is reviewed here to provide perspective for discussion of the results of that program. Due to the length of time between the operation of certain site features and the present, much of this information is based on recollection. A facility plan map is illustrated in Figure 1 which also shows the current layout of material storage areas on-site.

C23

The dry well area south of Building 6 was the site of an acid neutralization pit. Based on recollections of plant personnel, the dry well was constructed over 20 years ago as an excavation partially backfilled with limestone. A floor drain in Building 3 was connected by buried sewer line to the dry well for the purpose of disposing and neutralizing waste acid. The system was abandoned by plugging the pipeline to the dry well at least 10 years ago. During the time of its operation however, some distillation activities occurred in Building 3. Organic materials if dripped on the floor could have entered the floor drain and discharged to the dry well. Existing subsurface information suggests the dry well was probably constructed at or below the water table and is seasonally submerged.

The drum storage area south of Building 2, including the area between Buildings 2 and 3, was and continues to be used for temporary holding of spent or expired organic materials returned from users or other Fisher plants. Thus, a variety of volatile organics could have dripped on the ground. The area immediately south of and adjacent to Building 2 is also the site of a distillation system that currently processes acetonitrile. This is the only area on site handling this material, and its processing and use at the site began only in the last 5 years.

The bulk transfer area southeast of Building 3 was formerly used for unloading rail tank cars of solvents and other

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organics to a packaging facility in the souteast corner of Building 3. Overhead piping which has since been abandoned connected the railroad siding with the building. In some cases, the solvents were filtered during the transfer operation from the tank cars to on-site storage tanks. The potential for drips from pumps, hoses and changing filters represents a possible source for the release of volatile organic compounds. This area, including some newer solvent tank facilities south of Building 3, continues to be used for handling and packaging solvents although the railroad siding is no longer used.

The sewer line along Nevins Road and Reagent Lane, on the north and west sides of the site, are connected to a series of 5 manholes that were initially believed by NJDEP to have soil exposed at the bottom rather than concrete. Subsequent inspection by Fisher documented there were concrete bottoms at all manholes but identified that some improvements were required. The inspection showed the concrete bottoms to be corroded and cracked at manholes 4 and 5. Where lines intersected the manholes, the joints were not watertight. Corrective measures taken by Fisher included refinishing all manhole bottoms and sealing of sewer line joints. These improvements were completed in January 1984.

A number of laboratories are located in the southwest portion of Building 1. These labs are served by a lateral discharging to the sewer at the manhole near the entrance

C25

gate (Manhole No. 2). This lateral was included in the investigation of potential sewer related sources since volatile organics were detected in this vicinity in earlier preliminary soil analyses performed by NJDEP.

The shed area south of Building 1, including the waste compactor, was used in the past for crushing of empty chemical containers. Thus, minute amounts of a variety of organic chemicals could have dripped into the compactor and onto the ground in this area.

3.3.2 Volatile Organics in Soil

During the soil boring program, several types of data were collected that relate to the distribution of volatile organic chemicals in the unsaturated zone. These include OVA and HNu readings in open boreholes, OVA and HNu readings of split spoon samples, and the laboratory analysis of VOC's by headspace methods. As discussed in Section 2.1.4, data from the OVA and HNu field screening techniques should be evaluated as a gross semi-quantitative indicator of volatile organics in soil. Only laboratory generated data should be viewed as both quantitative and qualitative.

It should also be noted that generally wet conditions in the area resulted in relatively shallow ground water conditions (typically about 5 ft. below surface) on-site during the performance of this investigation. Degassing of volatiles

C26

SECTION 4

SUMMARY OF FINDINGS

4.1 CONCLUSIONS

4.1.1 Soil Contamination

1) The investigation demonstrates that use of the OVA and HNu equipment is a valid field screening protocol for efficient delineation of areas of soil contamination at the site.

2) The results of the soil boring program and related laboratory testing indicate that there are several areas where volatile organic compounds are concentrated in the soils on site.

3) The occurrence of volatile organic compounds on-site is attributed to releases of a dispersed nature over the period of plant operation. The subsurface investigation found no indication of buried drums or other non-earth fill which would indicate specific sources of volatiles below ground surface.

4) Volatile organic compounds occur in the unsaturated soil zone in several areas on-site. The largest area of contamination and the one containing the highest concentrations of contaminants, is located around

Building 3. This area extends from the former bulk transfer area at the railroad siding southeast of Building 3, westward though several solvent tank containment areas, and northward to include the area between Buildings 2 and 3. Of the thirteen parameters detected in soil samples from the Fisher site, eleven were found in the Building 3 area. Total VOC's in soil in this area range from about 5 ppm to as much as 320 ppm.

5) An isolated area of soil contamination was found along a sewer lateral south of Building 1. Only trichloroethene, methylene chloride and chloroform, which are very common contaminants at the site, were found at low levels with total concentrations ranging from about 5 ppm to 10 ppm.

6) Isolated soil contaminants were also found at Manhole 1 and west of the shed area. These areas contained very similar suites of parameters at total concentrations of about 25 ppm and 33 ppm respectively.

7) Manhole 5 and the area between Buildings 1 and 2 are also sites of localized soil contamination. At Manhole 5, 16 ppm of tetrachloroethene was detected; and at B-21, five parameters totaled about 46 ppm.

8) Where volatile organics were found, soil contamination appears to be uniform from about 1.5 ft. below ground surface to the water table.

C 28

Contaminants increase at or near the water table due to volatilization of organics from the groundwater.

9) No volatiles organic compounds could be detected above ambient levels at the ground surface where soil aeration, biological activity and organic matter facilitate volatilization and/or decomposition of the contaminants.

4.1.2 Ground Water Flow

1) Ground water flow patterns at the water table have remained constant with time, although seasonal fluctuations of 5 to 10 feet do result in minor directional changes.

2) The highest part of the water table is situated southeast of Building 3, in the same general area as the major contaminant source in the unsaturated soil zone. From this high, ground water flows south and southwest to Henderson Creek, west toward Building 1, and northwest toward Nevins Road. On the western half of the site, ground water flow becomes almost uniformly westward toward Reagent Lane.

3) In the eastern part of the site, the water table occurs within in unconsolidated glacial deposits. In the western part of the site, the bedrock elevation is

C29

higher and the water table lower; and the water table is situated in fractured bedrock rather than the glacial deposits. Groundwater in both the bedrock and glacial deposits are one hydraulically connected flow system.

4) Using permeabilities and gradients appropriate to these two different areas, average horizontal groundwater flow velocities were calculated to range from 0.005 to 0.1 ft/day regardless of area and season.

5) Downward gradients are present between the water table and the 70 to 100 foot zone throughout the site. These gradients are steeper in the northeast part of the site, resulting in average flow velocities in the vertical direction that are similar to horizontal velocities at the water table. This flow occurs through fractures in the bedrock.

6) Horizontal groundwater flow at the 70 to 100 foot zone is uniformly to the northwest, assuming no significant anisotropy due to fracture patterns and spacing. Average horizontal flow velocities for the formation at the 70 to 100 foot zone were estimated to be essentially consistent with other velocities in the site area.

C30

4.1.3 Ground Water Contamination

1) Contamination of groundwater at the site can be related to the occurrence of volatile organic compounds found in the unsaturated soil zone.

2) Well FS-06, near the dry well area typically exhibits the highest contaminant concentrations on-site. Major contaminants include chloroform, 1,2-dichloroethane, carbon tetrachloride, trichloroethene, benzene, tetrachloroethene, toluene, ethylbenzene and xylenes. Migration of contaminants has occurred from this area downgradient toward Well FS-12 and deeper into the aquifer to piezometer FS-10P. High density (>1.4) contaminants chloroform, carbon tetrachloride and trichloroethene comprise the major compounds in Wells FS-12 and FS-10P.

3) The groundwater mound which occurs in the Building 3 and Bulk Transfer area coincides with a likely area of higher groundwater contaminants on-site due to the concentration of volatile organics remaining in the unsaturated zone. High density contaminants are moving with the groundwater toward the northwest, west and southwest.

4) Well FS-03 exhibits higher concentrations of a variety of compounds found immediately east and upgradient in

the unsaturated zone around the Building 3 and Bulk Transfer areas. Well FS-03 also exhibits higher acetonitrile concentrations likely related to processing of acetonitrile immediately south of Building 2.

5) Low levels of volatile organics are found in soils adjacent to Wells FS-01 and FS-07 which do not account for relatively high concentrations observed in the groundwater. Contaminants observed in the groundwater at these locations are derived from migration from the Building 3 vicinity.

6) Groundwater contamination occurs at Well FS-05 at levels greater than can be attributed to its downgradient position from the dry well. Other contamination apparently occurred adjacent to this well or in the compactor vicinity which contributed to the elevated concentrations observed.

7) The deeper aquifer zone (70 to 100 foot interval) is characterized by higher density (>1.4) contaminants chloroform, carbon tetrachloride and trichloroethene. Low density (<1.0) compounds benzene, toluene, ethelybenzene and xylenes are major contaminants at the water table and are observed at typically less than 100 ppb in the deeper piezometers.

C32

8) With the exception of benzene, horizontal migration of contaminants off-site is largely limited to high density compounds. High concentrations of compounds with low densities (<1.0) observed in individual wells are notably absent in downgradient wells indicating these compounds are remaining on-site near the source of entry through the soils. These low density compounds include toluene, ethylbenzene, xylenes and acetonitrile.

4.2 RECOMMENDATIONS

1) Based on the findings of this investigation, Weston recommends that Fisher proceed with the course of action defined in Paragraph 13 of the Administrative Consent Order for the performance of a feasibility study and remedial action.

2) Following approval of this report in its final form by the NJDEP, as covered in Paragraph 12 of the ACO, Weston recommends that a meeting be held with the NJDEP prior to initiating the feasibility study to formally establish the remedial response objectives and criteria.

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TABLES

TABLE 5

ANALYTICAL RESULTS FOR VOC IN SOIL SAMPLES (ppm)

FISHER SCIENTIFIC CO.
FAIR LAWN, NEW JERSEY

Parameters	Water Level	Boring	B-1	B-3	B-3*	FIELD BLANK	B-4	B-5	FIELD BLANK	TRIP BLANK	B-10	B-11	FIELD BLANK	B-15	B-15*	B-15	B-17	FIELD BLANK	B-18	B-20	B-21	B-21*
		Sample	3	3	3	(B-3)	2	1	(B-8)	7/10	1	1	(B-13)	1	1	2	1	(B-17)	1	1	2	2
		Depth	11.5	6.5	6.5	-	3.0	3.0	-	-	3.0	6.5	-	3.2	3.2	6.5	2.5	-	3.0	3.6	3.7	3.7
		Level	11.5	10.3	10.3	-	5.0	5.0	-	-	6	11.0	-	3.0	3.0	3.0	6.5	-	5.0	3.6	2.2	2.2
Benzene														10	18	<10			<10			
Bromodichloromethane																						
Bromoform																						
Carbon Tetrachloride							<10								<10		<10		<10**			
Chlorobenzene																	<10**	<10	<10		<10	
Chlorodibromomethane																						
Chloroform			<10	10	23		<10		<10	<10				<10	<10	<10	<10		<10	<10	<10	
1,1-Dichloroethane																	<10		<10			
1,2-Dichloroethane																						
1,1-Dichloroethene																						
trans-1,2-Dichloroethene																						
1,2-Dichloropropane																						
cis-1,3-Dichloropropene																						
trans-1,3-Dichloropropene																						
Ethylbenzene							<10	<10						<10	10		<10		<10		<10	
Methylene Chloride				<10	38					<10				<10	<10							
1,1,2,2-Tetrachloroethane																						
Tetrachloroethene			<10			<10	<10	<10						<10			12	<10	11		<10	
1,1,1-Trichloroethane																					26	
1,1,2-Trichloroethane																						
Trichloroethene					11									<10	<10		<10		<10		<10	
Toluene			<10			<10	<10	<10						14	40	<10	<10**	<10	<10**		<10	
Xylenes								<10						20	89							
Acetonitrile															24							
		OVA	350	300	300	-	450	18	-	-	12	12	-	100	100	120	160	-	30	25	200	200
		HNu	8	60	60	-	250	8	-	-	14	300	-	70	70	70	80	-	40	0	40	40

*Laboratory Duplicate
(By Weston)

**Estimated beyond linear range

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TABLE 5 (continued)

ANALYTICAL RESULTS FOR VOC IN SOIL SAMPLES(ppm)

FISHER SCIENTIFIC CO.
FAIR LAWN, NEW JERSEY

Parameters	Boring	TRIP BLANK	B-25	B-26	B-26*	B-27	B-28	B-29	B-29*	B-29	B-30	B-31	B-32	B-32*	FIELD BLANK (B-32)	FIELD* BLANK (B-32)	TRIP BLANK	SB-3	SB-7	SB-7*	FIELD BLANK (SB-7)
	Sample	1	1	1	1	1	1	1	1	2	1	1	1	1	-	-	-	1	1	1	-
	Depth	7/12	3.0	1.5	1.5	1.5	8.0	4.0	4.0	6.5	6.5	8.0	2.5	2.5				3.0	2.3	2.3	
	Water Level	-	6.1	10.0	10.0	11.5	11.0	13.0	13.0	13.0	17.0	16.0	10.5	10.5				3.5	5.1	5.1	
Benzene																			<10		
Bromodichloromethane																				<10	
Bromoform																			<10		
Carbon Tetrachloride																					
Chlorobenzene																					
Chlorodibromomethane															<10	<10	<10	<10	34	31	
Chloroform				18		<10													<10	<10	
1,1-Dichloroethane																					
1,2-Dichloroethane																					
1,1-Dichloroethene																					
trans-1,2-dichloroethene																					
1,2-Dichloropropane																					
cis-1,3-Dichloropropene																			10		
trans-1,3-Dichloropropene				<10															11	<10	
Ethylbenzene																					
Methylene Chloride				<10															<10	<10	
1,1,2,2-Tetrachloroethane													16								
Tetrachloroethene																					
1,1,1-Trichloroethane																		<10	<10	13	
1,1,2-Trichloroethane																					
Trichloroethene				<10															10		
Toluene				<10														<10	<10	120	<10
Xylenes				<10																	
Acetonitrile																					
	OVA	-	0	100	100	100	100	4	4	8	0	0	110	110	-	-	-	>1000	700	700	-
	HNu	-	0	100	100	5	40	4	4	4	0	-	-	-	-	-	-	180	300	300	-

*Laboratory Duplicate
(by Weston)

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TABLE 5 (continued)

ANALYTICAL RESULTS FOR VOC IN SOIL SAMPLES(ppm)

FISHER SCIENTIFIC CO.
FAIR LAWN, NEW JERSEY

Parameters		Boring	SB-8	SB-8*	SB-10	SB-10*	SB-11	SB-12	SB-13	SB-13*	SB-15	FIELD BLANK	TRIP BLANK	SB-17	SB-18	SB-25	SB-26	SB-26	SB-27	SB-28	SB-28	SB-29
		Sample	2	2	2	2	2	1	1	1	2			1	1	1	1	2	1	1	2	1
		Depth	3.5	3.5	3.7	3.7	3.8	2.4	2.4	2.4	3.8	(SB-16)7/20		4.0	5.2	1.5	1.5	3.0	1.5	3.0	7.5	4.5
	Water Level		>5.1	5.1	4.2	4.2	4.7	4.6	3.7	3.7	-	-	-	4.4	2.3	-	3.8	3.8	5.6	12.7	12.7	-
Benzene			<10	<10	>62**	250	<10	<10	<10	<10		<10										
Bromodichloromethane																						
Bromoform																						
Carbon Tetrachloride			<10	<10	>92**	580																
Chlorobenzene							<10															
Chlorodibromomethane																						
Chloroform			<10		140**	210	<10		<10	<10		<10										
1,1-Dichloroethane									<10	<10		<10										
1,2-Dichloroethane																						
1,1-Dichloroethene					<10	<10			<10	14		<10										
trans-1,2-Dichloroethene																						
1,2-Dichloropropane																						
cis-1,3-Dichloropropene									<10													
trans-1,3-Dichloropropene									<10	<10		<10										
Ethylbenzene			<10	11	>12**	230	<10**													<10		
Methylene Chloride					<10**	36			<10	350												
1,1,2,2-Tetrachloroethane						<10																
Tetrachloroethene						<10	<10	<10	>33**	280		>23**										
1,1,1-Trichloroethane																						
1,1,2-Trichloroethane																				<10		
Trichloroethene			<10	<10	<10	1000	<10	<10	<10	30		<10										
Toluene			<10	<10	<10**	670	<10**	<10	<10	<10		<10		<10								
Xylenes			<10	54		2400	<10		<10	39												
Acetonitrile																						
	OVA		>1000	>1000	>1000	>1000	400	20	280	280	20	-	-	20	80	60	60	140	50	12	140	60
	HNu		400	400	400	400	200	20	240	240	40	-	-	16	12	40	30	110	50	8	100	40

*Laboratory Duplicate

**Estimated beyond linear range

<10 ppm 1,2-Dichlorobenzene tentatively identified in SB-11, 2

B-8
B-37

TABLE 5 (continued)

ANALYTICAL RESULTS FOR VOC IN SOIL SAMPLES(ppm)

FISHER SCIENTIFIC CO.
FAIR LAWN, NEW JERSEY

Parameters	Boring	SB-30	SB-32	SB-32	SB-34	SB-34	SB-35	SB-35	TRIP BLANK
	Samples	1	1	2	1	2	1	2	7/25
	Depth	4.5	3.0	4.5	2.4	8.0	2.2	6.5	-
	Water Level	-	-	-	10.5	10.5	-	-	
Benzene							<10	<10	
Bromodichloromethane									
Bromoform									
Carbon Tetrachloride									
Chlorobenzene									
Chlorodibromomethane									
Chloroform								<10	
1,1-Dichloroethane									
1,2-Dichloroethane									
1,1-Dichloroethene									
trans-1,2-Dichloroethene									
1,2-Dichloropropane									
cis-1,3-Dichloropropene									
trans-1,3-Dichloropropene								<10	
Ethylbenzene									
Methylene Chloride									
1,1,2,2-Tetrachloroethane									
Tetrachloroethene									
1,1,1-Trichloroethane									
1,1,2-Trichloroethane								<10	
Trichloroethene		<10							
Toluene							<10	<10	
Xylenes							<10	11	
Acetonitrile									
	OVA	80	40	70	6	20	20	12	-
	HNu	40	20	30	4	20	10	15	-

B-938

TABLE 6

PROBABLE VALID CONCENTRATION RANGES
VOLATILE ORGANIC COMPOUNDS IN GROUND WATER

FISHER SCIENTIFIC CO.
FAIR LAWN, NEW JERSEY

PARAMETER VOLATILE ORGANICS (ppb)	MANHOLE #5 WELL FS-01	RR SIDING WELL FS-02	TANK FARM STILLS WELL FS-03	MANHOLE #3 LIME PIT WELL FS-04	COMPACTOR MANHOLE #1 WELL FS-05	DRYWELL WELL FS-06	WELL FS-07	RR SIDING WELL FS-08P	TANK FARM STILLS WELL FS-09P	DRYWELL WELL FS-10P	COMPACTOR WELL FS-11P	WELL FS-12	TANK FARMS STILLS PLANT WELL 1	RESIDING PLANT WELL 2
Bromotrichloromethane													500-2000	
Methylene chloride			10-250		10-100	10-3000								
1,1-Dichloroethene				1-100										
1,1-Dichloroethane	1-10				1-10		1-30					10-100	10-25	
trans-1,2-Dichloroethene	1-50	1-100	10-100	10-100	50-200	10-200	10-150	10-50	150-350	500-1000	200-400	350-600	200-400	400-600
Chloroform	150-300	10-150	10-500	2500-3500	2000-5000	10000-30000	25-2500							
1,2-Dichloroethane									10-50			1-50	300-1000	
1,1,1-Trichloroethane	1-50		10-500	10-100	50-200	500-1500	1-50							
Carbon Tetrachloride	1-10		1-50	1-300	10-100	10-200			10-100	10-500	50-150	50-500	100-300	300-1000
	100-300		1-200	2500-3500	100-2000	2000-20000	10-500							
Bromodichloromethane														
1,2-Dichloropropane														
trans-1,3-Dichloropropene														
Trichloroethene (TCE)	100-200	10-50	10-500	1000-1500	750-1500	5000-50000	10-500	10-25	50-200	150-300	50-150	100-300	150-200	300-500
Benzene	25-125		1000-5000		100-250	2500-25000	10-100	10-50	10-50	10-50	50-150	10-100	40-100	
cis-1,3-Dichloropropene														
1,1,2-Trichloroethane														
Dibromochloromethane														
Bromoform														
Tetrachloroethene (PCE)	20-40	1-30	1-200	40-400	10-70	200-2000				1-10	1-10	1-20	10-50	1-2
1,2,2-Tetrachloroethane						10-1000		1-10	10-50	10-100	1-100	1-40	1-20	
Toluene			100-5000			20000-100000								
Chlorobenzene					10-25	50-250				1-10	1-20		1-10	
Ethylbenzene						1000-10000								
Xylenes			10-100			1500-50000			1-10	10-50		1-10		
Acetonitrile			10000-100000		1-20									
1,2-Dichlorobenzene							50-500							
Vinyl Chloride														

B-10
C 39

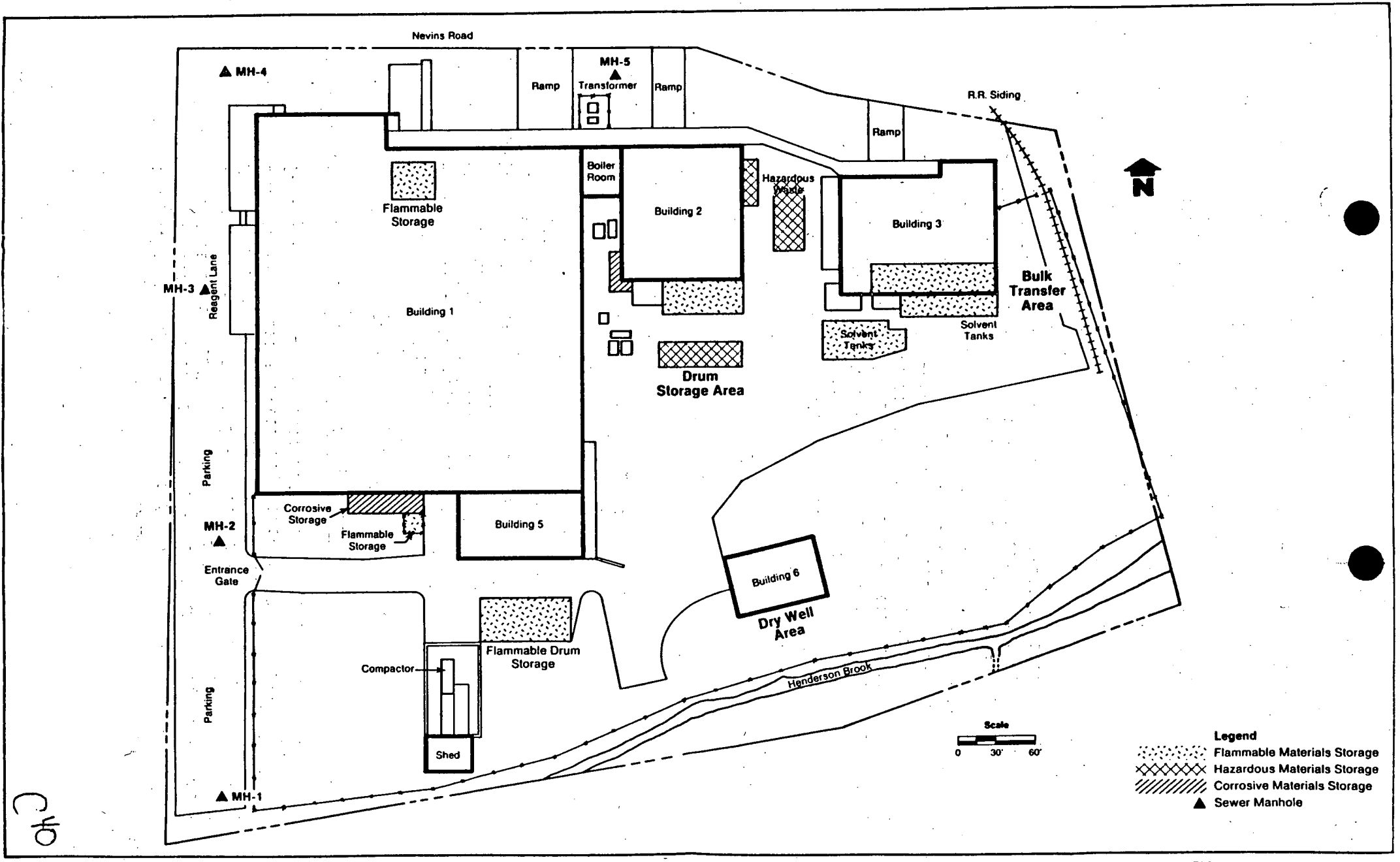
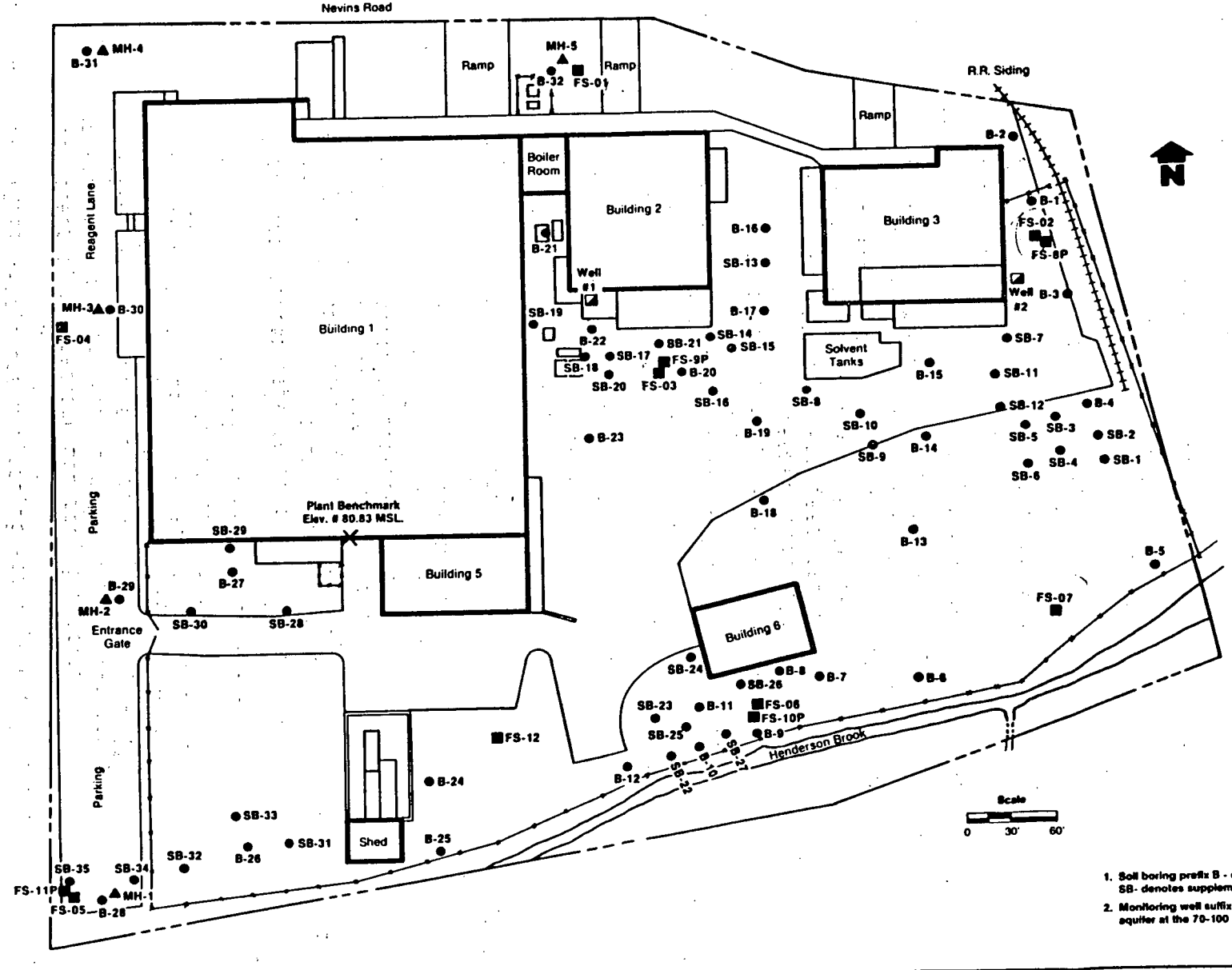


FIGURE 1 FACILITY PLAN MAP



Notes

1. Soil boring prefix B - denotes initial boring locations. Prefix SB- denotes supplemental boring locations.
2. Monitoring well suffix P denotes piezometer open to the aquifer at the 70-100 ft depth interval.

FIGURE 2 BORING AND MONITORING WEL LOCATION MAP

INTERNATIONAL TECHNOLOGY CORPORATION

December 22, 1986

Dr. Robert Schiessler
Sandvik, Inc.
1702 Nevins Road
Fair Lawn, New Jersey 07410-0428

RE: Technical Review and Comments on the following documents:

- "Remedial Action Plan Revision No. 1, Fisher Scientific Company, Fairlawn, New Jersey Facility", dated September 1986
- Excerpts from "Contracts Documents Ground Water Recovery System and Soil Containment Basin" dated April 18, 1986
- Excerpts from "Remedial Action Work Plan", dated June 20, 1986,
- NJDEPs letters to Fisher Scientific dated July 14 and August 11, 1986.

Dear Dr. Schiessler:

International Technology Corporation (IT) has completed a technical review of the above-referenced documents concerning the remediation of the Fisher Scientific Company (Fisher) facility in Fairlawn, New Jersey. IT concludes that the Remedial Action Plan (RAP) and related documents do not adequately address remediation of soil and ground water contamination present on the Fisher site. There are several shortcomings in the plan which should be addressed to insure the cleanup of contamination related to site operations and restoration of the aquifer supplying Fairlawn municipal wells by 1994.

The documents listed above have been generated since IT's last comment letter on the Feasibility Study Report to John Field dated April 14, 1986. Many of the issues raised in that letter are still valid. The comments and recommendations provided below focus on issues which we feel have not been adequately addressed in Fisher and NJDEP documents generated since April 1986.

The technical comments will address the three subsurface areas of concern which are:

1. Soil contamination in the overburden
2. Ground water contamination in the overburden
3. Ground water contamination in the bedrock.

As discussed in the previous comment letter, the areas of concern are interconnected and though discussed separately, it should be recognized that remedial activity in one area will impact the other areas.

1. Overburden Contamination -

a) A soil cleanup level of 10 ppm total volatile organic compounds which the NJDEP has stated it will apply at the Fisher site is a reduction from the 25 ppm level originally proposed by Fisher. The cleanup level of 10 ppm, is greater than the 1 ppm level commonly enforced by NJDEP and achieved by Sandvik during on-site remedial activities in 1984. Residual soil contamination at the 10 ppm level will continue to be a source of ground water contamination for an extended period of time.

b) There were eight areas of significant soil contamination discovered during the Fisher Remedial Investigation and they are:

i. South of Building 3
ii. Between Buildings 2 and 3
iii. Between Buildings 1 and 2
iv. South of Building 1 along sewer laterals
v. Around manhole 1 in the parking lot west of the compactor shed
vi. Immediately west of the compactor shed
vii. Around manhole 5 north of Building 1
viii. South of Building 6 in the dry well area.

Of these eight areas, all but No. viii have been shown to exhibit total volatile organic concentrations in the soils at or above 10 ppm. In the Remedial Action Work Plan dated June 20, 1986, soil removal is only proposed for areas in Items i through iii. No soil cleanup has been proposed for the five remaining areas. These areas will continue to be a source of ground water contamination unless the contaminated soil is removed or treated. Each of these areas should be thoroughly delineated and addressed in the Fisher Remedial Action Work Plan to comply with mandated soil cleanup guidelines.

c) Fisher proposes to cleanup contaminated soil in the overburden to a depth equal to the top of the capillary zone above the seasonal high water table. Review of historical water table data

D2

from the Sandvik site indicates that water levels can fluctuate greater than ten feet between the spring and fall. During remedial activities at the Sandvik site in 1984, soil excavation was delayed for several months while waiting for the water table to drop and even then extensive dewatering was required so that complete removal of soil contamination greater than 1 ppm was achieved. By basing removal activities on high water table periods, as Fisher has proposed, the effectiveness of soil remediation is severely limited. Limiting soil excavation to above the capillary zone restricts the extent of soil removal. The limit to the depth of the excavation should be judged by the presence of contamination. The bedrock is relatively shallow at the Fisher site, therefore, soil excavation will not be restricted by equipment limitations.

d) Fisher proposes to take postexcavation samples at a depth of 1.5 feet and at thirty foot intervals along the excavation walls. This plan is grossly inadequate to determine the thoroughness of excavation activities. Samples should be collected at ten foot intervals along the walls and the floor of the excavation. These samples should then be screened with an OVA or equivalent field analytical instrument. At a minimum, samples should be collected every 30 feet from the walls and floors of each excavation and submitted for analysis. Failure to remove significantly contaminated soil and thoroughly delineate where contamination is left in place will make it very difficult to determine the effectiveness of soil and ground water remediation activities.

e) Fisher proposes to leave contaminated soil inplace within six feet of structures. This material will continue to be a source of ground water contamination. Alternative remedial actions must be considered for this material, such as enhanced biodegradation, which was prematurely discounted by Fisher in the feasibility study. The structures can also be shored up to facilitate soil removal.

f) In NJDEP's letter to Fisher dated August 11, 1986, they state that "soil remediation to a less stringent level of 10 ppm may be warranted based upon site specific conditions such as the distribution of contaminants and the ground water remediation measures to be implemented by Fisher". We can only assume that NJDEP believes that contamination leaching from the overburden soils will be contained by the ground water decontamination program. This may be true if one assumes ground water remediation will continue for an indefinite period of time. Contaminated soil left in place will very likely continue to contribute to ground water contamination far beyond 1994.

D3

2. Ground Water Contamination in the Overburden -

a) Fisher proposes to remediate ground water contamination in the overburden by installing two ground water recovery trenches. The effectiveness of these trenches cannot be evaluated without a sufficient number of monitoring points. Fisher only recommends the installation of five piezometers to add to the three overburden monitor wells previously installed. NJDEP stipulated in their July 14, 1986 letter, that each trench be installed with piezometers to monitor water table elevations. We do not believe the five widely spaced piezometers proposed by Fisher are sufficient to monitor the effectiveness of the trench and to satisfy the intent of NJDEP's stipulation. IT recommends that piezometers be installed at a minimum of 50 foot intervals around each trench. Each trench should also be equipped with vertical access points connected to the horizontal drainpipe at 50 foot intervals to inspect the water flow. Without these points, evaluating the true performance of the trench will be very difficult if not impossible.

b) IT agrees with NJDEP that a third trench should be installed between Buildings 1 and 2. We also recommend that an additional trench be installed along the southwest boundary of the Fisher property. This trench is necessary to prevent offsite migration of contaminants in the overburden during high water table periods. The monitoring network described in item "a" would also be necessary here.

c) NJDEP has recommended that the bottom of the trenches be installed as close to the top of bedrock as possible. We understand that objective of this design is to create the maximum amount of drawdown possible. This design will also create a pathway for shallow contamination to migrate into the bedrock aquifer. The decontamination program in the bedrock aquifer will increase the downward gradient between the overburden and the bedrock. This further increases the potential for contaminant migration into the bedrock aquifer. Therefore, we recommend that the trench bottoms not be completed to bedrock. The clayey weathered bedrock zone normally found at the overburden-bedrock interface should be left in place if it is present.

d) Assuming the trenches are able to maintain a significant drawdown, large volumes of contaminated soil will be dewatered and not subject to treatment other than by limited natural degradation. Natural degradation processes will most likely be very slow. IT recommends that a flexible pumping schedule be developed that will fluctuate the water table and flush

D4

contaminated soils periodically. This program in conjunction with an in situ treatment technique such as enhanced biodegradation, will increase the effectiveness of remediating residual soil contamination. If such a technique is not employed, residual soil contamination will continue to adversely impact ground water quality even after the trench system is shut off.

e) NJDEP specifies trench performance standards based on gradients between several wells and each trench. A gradient established from a monitor well to a trench does not necessarily indicate the true capture area of the trench. NJDEP is using capture area as the major criteria to evaluate trench performance. Therefore, IT recommends that a minimum three ground water elevations be used to evaluate the variation in gradients towards each trench. To define the effective capture area of the trench, a drop in the water table due to trench pumping must be documented in the wells and piezometers which are part of the trench monitoring network. It is not unusual for ground water gradients in response to trench pumping to be small except very close to a pumping trench. Therefore, the gradient established using one well and a trench water level may not be representative of the true capture area of the trench.

f) Fisher proposes to collect ground water elevations and prepare piezometric contour maps quarterly. IT recommends that ground water elevation data be collected daily for a minimum of one week prior to commencement of trench pumping. Water levels should continue to be collected daily until a drawdown has been established in the network of monitor wells and piezometers. The documentation of drawdown at monitoring points would indicate the effective capture area that has been established. Once the capture area has been established, water levels should be measured on a monthly basis for at least the first year. This information is necessary to properly evaluate seasonal influences on the remedial program. The data may also contribute to improving the program design. There is no substitute for adequate monitoring data when attempting to evaluate the performance of a ground water remedial program.

3. Ground Water Contamination in the Bedrock -

a) It has been documented that the seasonal pumping of the UDP production wells has a major influence on ground water flow under the Fisher and Sandvik sites. Approximately three million gallons of water are pumped from the wells during the summer months causing highly contaminated ground water to flow from the Fisher site across the southeast portion of the Sandvik property. During the winter months when the UDP wells are not

pumping, contaminated ground water drawn to the UDP wells during the summer continues to flow down gradient towards the Fairlawn wells. Therefore, it is imperative that the pumping of the UDP wells cease so that Fisher's program can be successfully implemented and off site migration of contamination is controlled. The UDP wells should not be pumped unless it can be clearly established that the wells can be a useful component of the remedial program.

b) IT does not see the merit of installing and pumping bedrock recovery wells at the great depths being proposed by NJDEP and Fisher. The installation of PW-4 to a minimum depth of 400 feet does not appear to be justified. Ground water contamination will generally enter the shallow bedrock first. Therefore, pumping from a depth of 400 feet can only increase the risk of pulling contamination deeper into the aquifer, reducing the effectiveness of the shallow ground water remediation.

c) IT agrees with NJDEP's recommendation for another bedrock recovery well 100 feet southeast of well FS-04. We do not agree, however, that the well should be 400 feet deep and that packer testing is not necessary. The well depth issue is discussed in the previous item. Packer testing is vital to make a preliminary determination of the depths of contamination in the bedrock and to evaluate well performance.

d) A major deficiency in the bedrock decontamination program is the total lack of deep bedrock monitoring points by which to evaluate the performance of the program. The data necessary to monitor the performance of the decontamination program in the deep bedrock cannot be provided by the bedrock pumping wells due to their design and use. To monitor the deep aquifer, wells specifically designed for that purpose would be more appropriate. Discrete sample intervals in a single borehole may be the most appropriate technique to apply in this case.

e) IT agrees with NJDEP that if the old Fisher production well PW-1 is to be abandoned that it should be pumped a minimum of one week prior to sealing. However, IT questions the necessity of abandoning the well. It would appear more appropriate to convert the well to a multilevel monitoring well with nested discrete samplers. With modifications, PW-1 could be a valuable component of the bedrock monitoring program.

f) The NJDEP recommends monitoring water levels on a monthly basis for the first quarter and quarterly thereafter. IT recommends that a monthly monitoring frequency should be maintained for a minimum of one year. In addition, continuous recorders should

be placed on selected wells to provide sufficient data to thoroughly evaluate the remedial program performance during varying pumping and weather conditions throughout the year.

If you have any comments or questions please do not hesitate to contact me.

Very truly yours,

IT CORPORATION

Timothy Stone
Project Manager
Geosciences

TS:ydf
#528224-02
b179-ltr

cc: J. Field
D. Watson, Sandvik
J. Cirello, IT
R. Galbraith, IT

ASM-012

MEMO NEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION #3

TO Tom Leonard

FROM Robert Jaggi DATE 7/17/80

SUBJECT Fisher Scientific Company

1 Reagent Lane, Fair Lawn

Date of Investigation: 7/17/80 - 11:00 a.m.-12:10 p.m.

Purpose of Investigation: Complaint Evaluation

Persons Interviewed: Bruce Silver - 86 Nottingham Ave., FairLawn
Donavan Taylor, Safety Director - Fisher Scientific
Robert McIlroy, Director of Government Regulations, Fisher Scientific

Investigation:

Mr. Silver complained about a bad gas odor which was in the area for 2-3 days. It subsided yesterday and has not been noticed today.

At the site, Messers. Taylor and McIlroy explained that there was an odor emission which began about 9:00 p.m. on Tuesday, 7/15/80. The company received complaints from neighbors and traced the odor to a five-gallon drum of Ethanethiol (ethyl mercaptan) at about midnight. The five-gallon drum was in an open 55-gallon drum, located outside and south of the plant. The Ethanethiol was leaking at the cap of the five gallon drum. The leakage was probably caused by the heat build-up in the drum during the day. Sometime between midnight and Wednesday morning, the drum was sealed and moved further away from the homes of the complainants. Subsequently, the drum contents were analyzed and at about 5:30 p.m. on Wednesday, 7/16/80, the drum was removed from the site by the Advance Environmental Technology Corporation - 520 Speedwell Avenue, Morris Plains, N. J. As explained by Messers. Taylor and McIlroy, the Ethanethiol is used to give an odor to natural gas, propane, etc. It is not a material used at the site. The Ethanethiol was apparently shipped by mistake to the site several days ago.

Accompanied by Messers. Taylor and McIlroy, an inspection was conducted in the outdoor drum storage areas located on the south side of the plant. No Ethyl Mercaptan type odor was noted. The inspector did observe storage drums - some full, others empty.

Attachment K
K-1

E1

Some of these drums did or formally contained:

Liquid Phenol
Toluene -
Methanol Wash
Methy Alcohol
Benzene
Chloroform
Formaldehyde
Methylene Chloride
Mercury Waste
Cyanide Compounds
Copper Sulfate Wastes
~~Others~~

Conclusion:

The odor detected by the complainant was caused by an emission of Ethanethiol from a leaking cap on a five gallon drum, located in an outdoor storage area at the site. The drum was sealed and subsequently shipped from the site.

Recommendation:

File report.

Addendum:

Mr. Silver, the complainant, and Mr. Brady at the Fair Lawn Board of Health have been advised of the pertinent results of this investigation.

Robert Jaggi

Robert Jaggi

K-2

E2

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, NEW JERSEY 08625

Arnold Schiffman
Director

August 29, 1980

Fisher Scientific Company
1 Reagent Lane
Fair Lawn, New Jersey 07410

Attn: Mr. Charles Dickson
Vice President and General Manager
Chemical Manufacturing Division

Re: Wastewater Discharge Violation
N.J.S.A. 58:10A-1 et seq.

Dear Mr. Dickson:

On August 19, 1980, a representative of this Department (NJDEP) conducted an inspection of Fisher Scientific Company located at 1 Reagent Lane, Fair Lawn, NJ. During the inspection the following observations were noted:

1. A flow of opaque orange wastewater was being discharged from an eight inch pipe into a storm sewer on the property of Fisher Scientific Company.

2. The wastewater flowed from the storm sewer to a tributary of the Passaic River which is classified as an FW-3 waterway.

3. Fisher Scientific Company does not have nor has it ever applied for a National Pollutant Discharge Elimination System (NPDES) Permit as required by N.J.S.A. 58:10A-1 et seq. (the "Act").

Fisher Scientific Company is therefore directed to:

1. Immediately cease the unpermitted discharge of wastewater to the waters of the State. If there is any delay in eliminating this discharge the company shall immediately notify this office by telephone at (201) 648-2200.

4-13 F1

Fisher Scientific Company

P.O. Box 378
1 Reagent Lane
Fair Lawn, New Jersey 07410
(201) 796-7100

Instruments, Apparatus, Furniture, Chemicals and Diagnostics for Laboratories.

RECEIVED
SEP 9 1 14 PM '80
NJ DEPT. OF ENVIRONMENTAL PROTECTION
DIV WATER RESOURCES
MS&E

September 3, 1980

RECEIVED
SEP 11 1980
DEPT. ENVIRONMENTAL PROTECTION
NEWARK OFFICE

Mr. Mox Tan
Supervisor of Enforcement
DEP, Division of Water Resources
State of New Jersey
Trenton, New Jersey

Dear Mr. Tan:

On August 19, 1980, there was a discharge from the 6" storm sewer into a tributary of the Passaic River, of less than 1 gallon per minute. You are also correct in your statement that Fisher Scientific Company does not have a permit to discharge any contaminants into that stream.

The flow to the storm sewer and, thus the stream, was stopped the same day, August 19th. The source was an underground line that had been out of use for many years. A plug had failed, allowing the leakage. As soon as the plug was replaced, the flow stopped. Our analysis of our sample taken at the time of the visit, showed the following:

Appearance	Turbid brownish yellow
Color	50 APHA
pH	7.7
COD	1321

We did not test for chlorinated solvents, as none are handled in that area and there was no reason to suspect their presence. The sample was discarded after the analysis was completed on 8/20/80.

We strive to prevent this type of problem and regret this incident. If you have further questions, please contact me.

Sincerely,

FISHER SCIENTIFIC COMPANY

Charles A. Dickson
Vice President & General Mgr.

cc:Mayor and Council, F/L
PVSC

CAD/emf

■ ATLANTA □ BOSTON □ CHICAGO □ CINCINNATI □ CLEVELAND □ DALLAS □ DETROIT □ HOUSTON □ LOS ANGELES □ LOUISVILLE □ MEMPHIS □ NEW YORK
□ ORLANDO □ PARKERSBURG □ PHILADELPHIA □ PITTSBURGH □ RALEIGH □ RICHMOND □ ROCHESTER □ SANTA CLARA □ ST. LOUIS □ WASHINGTON
■ EDMONTON □ HALIFAX □ MONTREAL □ OTTAWA □ QUEBEC □ TORONTO □ VANCOUVER □ WINNIPEG ■ MEXICO CITY ■ MUNICH, WEST GERMANY
■ SANTURCE, PUERTO RICO ■ SINGAPORE ■ ZURICH, SWITZERLAND

See also Attachment G-13

Attachment T
T-1
F 3

Emily Johnson

INCIDENT NOTIFICATION REPORT

☒ TRENTON DISPATCH ☐ DIV. OF WASTE MANAGEMENT ☐ DIV. OF ENVIR. QUALITY ☐ DIV. OF WATER RES. PUBLIC
☐ HQ FIELD OFFICE: ☐ NORTHERN ☐ METRO ☐ CENTRAL ☐ SOUTHERN

DATE 05-02-96 TIME (Military) 1400 REC'D BY Eric PHONE NO. [redacted]

INCIDENT REPORTED BY: CASE NO. 96-03-0232-0901

NAME Jay Young PHONE (201) 796-1100

STREET 1 Regina Rd

CITY Pine Brook STATE Kinder

AFFILIATION Chem

NATURE OF INCIDENT:
EMERGENCY: ☐ FIRE ☐ EXPLOSION ☐ DRUMS ☒ SPILL ☐ DERAILMENT ☐ MVA
COMPLAINT: ☐ SMOKE ☐ ODORS ☐ DUST ☐ SEWAGE ☐ NUISANCE ☐ ILLEGAL DUMPING
OTHER: ☐

INCIDENT LOCATION:
NAME (Site) Exeldor Lubricants ☐ UNK PHONE

STREET Bldg 15 Same as above

CITY COUNTY STATE ZIP CODE

STATUS AT SCENE OF INCIDENT:

DATE OF INCIDENT: 04-30-1996 TIME: 1100

ANYONE HOSPITALIZED ☐ YES ☐ NO
AREA EVACUATED ☐ YES ☐ NO
CONTAMINATION OF ☐ AIR ☐ LAND ☐ WATER
PUBLIC EXPOSURE ☐ YES ☐ NO
RECEIVING WATER
WIND DIRECTION

POLICE AT SCENE ☐ YES ☐ NO
FIREMAN AT SCENE ☐ YES ☐ NO
ASSISTANCE REQUIRED ☐ YES ☐ NO
POTABLE WATER SOURCE ☐ YES ☐ NO
LOCATION TYPE ☐ CITY ☐ INDUSTRIAL ☐ RURAL

SOURCE OF INCIDENT/PROBLEM: ☐ KNOWN ☐ UNKNOWN

COMPANY NAME PHONE

CONTACT TITLE

STREET

CITY COUNTY STATE ZIP CODE

IDENTITY OF SPILLED AND/OR DISCHARGED SUBSTANCE: ☐ KNOWN ☐ UNKNOWN

NAME OF SUBSTANCE Sulfuric Acid 2-3 gallons

AMT. A/P/E SUBSTANCE CONTAINED ☐ YES ☐ NO ☐ UNKNOWN

OFFICIALS NOTIFIED: (A-310)

HEALTH DEPT.: PERSON Frank Brady PHONE [redacted] DATE 5/2/96

LOCAL MUNIC.: PERSON PHONE DATE

INCIDENT REFERRED TO: ☐ BFO ☐ BERC ☐ DCJ ☐ DWR ☐ F&G ☐ BAPC ☐ HD

1. PERSON PHONE DATE
2. PERSON PHONE DATE

COMMENTS:

Acid from tanker has discharged into Hackensack River. Nearest Public Dr.
Trenton Dispatch will also notify water resources
U.S. Cleaned up and contained on site.

COPIES: White - File Yellow - Trenton Dispatch Pink - DWM Enforcement

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT

Page ___ of ___

INVESTIGATION

CASE # 96-08-07-3

DATE: April

AND SUMMARY:

Follow up

On April 10 at 1pm I called the Bank of the Orient Bank Institution, as requested I left a message with the operator. He said that I could speak to the clerk on duty and have a copy of the report to him after.

Later reports will be sent via Fed Ex Bank Inspector Sheila Johnson. He said he will be here at this time tomorrow.

G2

COPIES: White - DWM File Yellow - Local Health Dept. Pink - Investigator

No. 78

AIR LAWN HEALTH DEPARTMENT

COMPLAINT AND INSPECTION RECORD Health DEPT.

TYPE (COMPLAINT) _____ Complainant: Fischer Scientific

Address: 1 Regent Lane Bldg 3 Phone _____

Owner: _____

Address: _____ Phone _____

NATURE OF (COMPLAINT) _____

2-3 gallons Sulfuric Acid in Henderson Brook

Received By _____ Letter ☐ In Person ☐ Telephone ☐ Date _____ Time _____ M.

Inspector _____ INSPECTION Date 3/3/86 Time _____ M.

Report of Conditions Elia Ircir 669-3982 / Trenton Dispatch 609-292-7172

DEP called 4:30 PM notifying us of accidental spill of H_2SO_4. Mr Young manages Env. Affairs Fischer Scientific was contacted + informed us approx 2-3 gallons Sulfuric Acid $H_2SO_4^{2-}$ was spilled due to broken transfer hose which seeped in to storm drain than Henderson Brook. Mr Young was informed that part of plant policy should be to notify Health Dept. regarding any spills regardless of size. We have asked Mr young to provide this department with Names of material used to absorb the ($H_2SO_4^{2-}$) Sulfuric Acid. Inspectors from this dept will make onsite inspection on 3/4/86.

NOTE: Mr young stated that he notified DEP + Passaic Valley Sewage Authority Time ___ ?

3/4/86 An inspection was conducted at Henderson Brook. No apparent fish kill. We were notified by Mr Young that Passaic Valley was going to test stream. (344-1800 Passaic Valley Frank Cupo). Passaic Valley felt sampling was NOT needed because it would dissipate rapidly. G3

ALLIED Fisher Scientific

Chemical Division
1 Reagent Lane
Fair Lawn, NJ 07410
(201) 796-7100

March 7, 1986

Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, NJ 07105

RECEIVED
MAR 19 1986
DEPT. ENVIRONMENTAL PROTECTION
NEWARK OFFICE

ATTN: Mr. Frank Cupo

Dear Mr. Cupo,

On Tuesday, March 4, 1986, at approximately 10:30 a.m. a flexible transfer hose being used to pump material from a tank truck to our process storage tank developed a leak. As soon as the leak was observed the transfer operation was terminated and steps were taken to contain the spill. Despite our efforts, between 2 and 3 gallons of sulfuric acid entered Henderson Brook via storm drain.

Upon determining that the spilled material was reaching the brook, immediate action was taken to neutralize traces of the acid in the vacinity of the release. Our inspection of the brook indicated that there were no other apparent effects of the release.

To prevent future incidents of this type all transfer lines have been inspected for integrity and will be reinspected prior to use on each occasion.

Sincerely,

FISHER SCIENTIFIC COMPANY

Jay F. Young
Manager, Environmental Control

cc: F. E. Winscott
G. R. Rayer
R. K. Smith
L. J. Hover

P. T. Lynch, DEP
F. Brady - Borough of Fair LAwn

Attachment Q
Q-1

G4

TRENTON DISPATCH NOTIFICATION REPORT

CASE NO. 87 01 26 TO ___ (YR MO DAY) CASE NO.

DATE 1-26-87 TIME (Military) 1340 RECD BY B[illegible] PHONE NO. ___

INCIDENT REPORTED BY:

NAME J Jay Young PHONE 796-7523

STREET 1 Regent Lane

CITY Fairless STATE NJ

AFFILIATION/TITLE Fairless Scientific - Environmental Manager

NATURE OF INCIDENT:

EMERGENCY: __ FIRE __ EXPLOSION __ AIR REL X SPILL __ MVA __ DERAILMENT

COMPLAINT: __ SMOKE/DUST __ ODORS __ SEWAGE __ OTHER (Specify) (Noise, Illegal Dumping, Fish Kill)

NOTIFICATION: (Specify) (Equipment Start-up/Shutdown, Equipment Failure/Upset, etc.)

INCIDENT LOCATION:

NAME (Site) Fairless Scientific __UNK PHONE 796-7523

STREET 1 Regent Lane

CITY Fairless COUNTY Bucks STATE NJ ZIP CODE ___

STATUS AT SCENE OF INCIDENT (Mitigative Actions): Oil on [illegible] Fairless Scientific Ground Drain area and [illegible] to catch by boom. Boom N.D. [illegible] Source contained

DATE OF INCIDENT: 1-12-87 TIME ONE

ANYONE INJURED	__ YES X NO	PUBLIC EXPOSURE	X YES __ NO
ANYONE HOSPITALIZED	__ YES X NO	POLICE AT SCENE	X YES __ NO
AREA EVACUATED	__ YES X NO	FIREMAN AT SCENE	__ YES X NO
CONTAMINATION OF	__ AIR X LAND X WATER	ASSISTANCE REQ	__ YES X NO
POTABLE WATER SOURCE	__ YES X NO	WIND DIRECTION	___
RECEIVING WATER	Neshaminy Creek	WIND SPEED	___
LOCATION TYPE	__ CITY X INDUSTRIAL __ RURAL	__ SENSITIVE POPULATION (Hospital, School, Nursing Home)	

SOURCE OF INCIDENT/PROBLEM: X KNOWN __ UNKNOWN

COMPANY NAME Same as T. L. PHONE ___

CONTACT ___ TITLE ___

STREET ___

CITY ___ COUNTY ___ STATE ___ ZIP CODE ___

IDENTITY OF SUBSTANCE(S) SPILLED, RELEASED, DISCHARGED, ETC.: X KNOWN __ UNKNOWN

NAME OF SUBSTANCE (Gas, Liquid, Solid) Degreasing material

AMOUNT RELEASED/SPILLED Unk ✓ A/P/E ___

SUBSTANCE CONTAINED X YES __ NO __ UNKNOWN

TYPE OF RELEASE/SPILL __ TERMINATED __ CONTINUOUS X INTERMITTENT

OFFICIALS NOTIFIED: (A-310) __ BY FACILITY __ BY NJDEP

USEPA: PERSON ___ PHONE ___ DATE ___

LOCAL HEALTH DEPT.: PERSON ___ PHONE ___ DATE ___

LOCAL MUNIC. (Fire/Police) PERSON ___ PHONE ___ DATE ___

INCIDENT REFERRED TO: __ DEQ __ DWR __ DSWM __ DHSM __ DHWM __ DOH __ F&G

REGION: __ NORTHERN __ METRO __ CENTRAL __ SOUTHERN

1. PERSON Andy Ingram PHONE ___ DATE 1-13-87 TIME 1343
2. PERSON Gustafson Leg PHONE ___ DATE ___ TIME ___
3. PERSON ___ PHONE ___ DATE ___ TIME ___

COMMENTS ID 87-1-19-7D1327

Telephoned to DRE-17 and F&G

NFA 3/26/87 A--- DEP handled.

Form DEQ 023 A
3/87

87-10-26-23

TD LOG# [illegible]

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIV. OF ENVIRONMENTAL QUALITY - BUR. OF COMMUNICATIONS AND SUPPORT SERVICES
Phone: 609-292-7172

02 17 - 03

COMMUNICATIONS CENTER NOTIFICATION REPORT

CASE NO. 87 (Yr) - 10 (Mo) - 24 (Day) - 0915 (Time)

RECEIVED 24 A 9 15

DATE: 10 (Mo) - 24 (Day) - 87 (Yr) REC'D BY EXCEL REVIEWED BY [illegible]

INCIDENT REPORT BY:
Name JAY YOUNG Phone 201-796-7523 (SATURDAY #) 201-796-7100
Street 1 REAGENT LANE
City ~~XXXXXXXXXXXXXXX~~ FAIR LAWN State NJ
Affiliation/Title FISHER SCIENTIFIC

INCIDENT LOCATION: ___ Transportation X Facility ___ Other
Name (Site): FISHER SCIENTIFIC Phone 201-796-7100
Street 1 REAGENT LANE
City FAIR LAWN County BERGEN State N.J. Zip Code

Date of Incident: 10 (Mo) - 24 (Day) - 87 Time: 0800

IDENTITY OF SUBSTANCE(S) SPILLED, RELEASED, ETC.: X Known ___ Suspected ___ Unknown
Name of Substance(s) (Gas, Liquid, Solid): METHYLTERTIARY BUTYL ETHER RESIDUE
CAS Number:
Amount Released/Spilled LESS THAN 1 GAL. ___ Actual ___ Potential XX Estimated
Substance Contained (Y/N/U)
Type of Release/Spill: X Terminated ___ Continuous ___ Intermittent

Hazardous Material (Y/N)

NATURE OF INCIDENT: ___ Complaint XX ~~Public~~ Notification ___ Emergency ___ Sub. 20

INCIDENT DESCRIPTION:
X Fire ___ Explosion ___ Air Rel ___ Spill ___ MVA ___ Derailment ___ Smoke/Dust
___ Odors ___ Sewage ___ NJPDES ___ Noise ___ Illegal Dumping ___ Wildlife
___ Equip Start-up/Shutdown, Equip Fail/Upset, etc.
___ Other (specify)
Injuries (Y/N/U) Public Exposure (Y/N/U)
Facility Evacuation (Y/N/U) Police at Scene (Y/N/U) + F.D.
Contamination of ___ Air X Land ___ Water Assistance Requested (Y/N/U)
Potable Water Source (Y/N/U) Wind Direction/Speed /
Receiving Water Precipitation (rain/snow)
Location Type: ___ Residential X Industrial ___ Rural ___ Sensitive Population (Horp., School, Nurs. Home)

STATUS AT INCIDENT SCENE RESIDUE ON EQUIPMENT IGNITED BY CUTTING OPERATION. BORO F.D. RESPONSE TIME OF APPROX. 5 MINUTES FOUND FIRE ALREADY EXTINGUISHED BY COMPANY. COMPANY ADVISES NO ADVERSE EFFECTS FROM INCIDENT.

RESPONSIBLE PARTY: XX Known ___ Suspected ___ Unknown
Company Name FISHER SCIENTIFIC Phone 201-796-7100
Contact jay young Title
Street 1 REAGENT LANE
City FAIRLAWN County BERGEN State N.J. Zip Code

OFFICIALS NOTIFIED (Name/Title):
NJSP: J. LEGG / OEM Phone *882-2000 Date/Time 10/24/87 1107 (T/M)
Local Health / ___ Phone ___ Date/Time / ___ (T/M)
Local Munic: / ___ Phone ___ Date/Time / ___ (T/M)
USEPA: / ___ Phone ___ Date/Time / ___ (T/M)

INCIDENT REFERRED TO:
X DEQ ___ DWR ___ DSWM ___ DHSM X DHWM ___ DOH ___ DFG ___ DPF ___ DCJ ___ DCR
Region: ___ Northern XX Metro ___ Central ___ Southern X ER1 ___ ER2
1. Name/Affil CHRIS DWYER / ER 1 Phone HOME Date/Time 10/24/87 0938 (T/M)
2. Name/Affil ___ / ___ Phone DHWM-M Date/Time 10/24/87 / ___ (T/M)
3. Name/Affil / ___ Phone ___ Date/Time / ___ (T/M)

IMMEDIATE DEP RESPONSE (Y/N) [Emergency (Y/N) Enforcement (Y/N)]

COMMENTS TD NOTIFIED BERGEN OEM-OFFICER WEBER RESPONDED AND REPORTED BACK AT 1233 THAT EVERYTING IS IN PROPER ORDER AND CLEANUP WAS COMPLETED BY COMPANY.

Bureau of Industrial Site Evaluation
Environmental Cleanup Responsibility Act

Report of Inspection

ECRA Case #85823 Date of Inspection 10/24/86
Inspection Category: Preliminary
Inspector: Michael Metlitz

Industrial Establishment: Fischer Scientific Division--Allied-Signal, Inc.

Location: 1 Reagent Land, Fair Lawn Boro, Bergen County

Individuals Involved: Jay Young - Manager, Env. Affairs, Fischer Scientific
Bob Fawcett - Consultant, Cape Environmental
Frank Brady - Fair Lawn Health Office
Ed Mamany - Fair Lawn Health Office
Rick Cerbone - DWR, NJGS
Tony Decandia - DWR, Metro Enforcement

NARRATIVE DESCRIPTION

Arrived at Fischer Scientific at 9:40 a.m. The weather was clear skies and warm. I met the above mentioned individuals in the lobby of building #1. This 9 acre facility is involved in the repackaging, formulating, purifying and warehousing of high purity chemicals. The exterior portion of the facility and then the interior portion of the facility were inspected. Before leaving the facility the deficiencies as noted below were discussed.

DEFICIENCIES NOTED

1. There is a soil stain approximately 3' in diameter south of building one.

2. A spill of a yellow powder covering the ground to the west of the compactor shed was observed.

3. Two empty drums were found behind the compactor shed.

4. South of building #3, drums are emptied into process vessels. The drums are handled on the pavement but there is open ground adjacent to this area. Also the hoses used are hung next to the edge of the diked area.

5. Monitoring Well 8-P has been hit by a vehicle and is now damaged.

6. Drums of hazardous waste are not properly labeled. Yellow hazardous waste labels are attached but the date accumulation started and in some cases the drum contents are not on the label.

7. The caustic scrubber tank dike at the south east corner of building #2 is full of a liquid and there is a white colored sediment on the bottom of the dike. This dike and the adjacent caustic potash tank dike have cracks at their bases and leaked materials were observed. The pavement at this spot was also degraded.

J'

8. The water cooling tower has an overflow line that discharges to a drainage pipe into the ground. The water was observed to be overflowing to the soil as well as the drainage pipe.

9. Empty and partially empty drums of pseudo cumene are on the soil surrounding the water cooling tower. Also empty and partially empty drums are on the soil in the area of the soil containment area.

10. There was a spill in the south east corner of building #3. I was told that the spilled substance was a surfactant. Along the south side inside the building there are stains from past spills.

11. In building #2 there is a brick floor at the south end. Mixing and crystallization processes are operated in this area.

12. There is a dark stain around the underground storage tank fill pipe.

ACTIONS REQUIRED ON THE PART OF THE APPLICANT

1. The soil stain noted under deficiency #1 shall be addressed. At a minimum one post excavation sample shall be required.

2. During the inspection, Mr. Young told me that Fischer had just had a fire drill and the yellow powder observed on the ground west of the compactor shed was from a fire extinguisher. The constituents of this substance shall be determined and a Material Safety Data Sheet submitted. Actions required to remediate this spill shall be decided when the requested information is submitted.

3. All empty drums that formerly contained hazardous substances should be properly stored. Mr. Young explained that the partially filled drums found around building #6 and by the cooling water tower probably contained water pumped from the monitoring wells. These drums shall be labeled properly for identification.

4. Monitoring Well 8-P shall be repaired. Just south of the well is the decontamination pad. Mr. Young explained that trucks will be hauling the contaminated soils through the northeast fence adjacent to the monitoring well. It is suggested that a barrier be placed around the well so it is not damaged by the imminent truck traffic or that the well be flush mounted with the pavement.

5. The Bureau of Hazardous Waste Engineering has been informed of the inadequacies of the labeling of hazardous wastes on the site. This is a violation of RCRA which shall be corrected immediately. All labels on hazardous waste drums shall be properly filled out.

6. The leak observed in the scrubber tank dike shall be repaired. A description of the process that utilizes the scrubber tank and the substances involved shall be submitted. This information is required to determine what parameters will be required for a soil sample that is now required at the point were the leaking waste enters the soil. The dike shall be cleaned and the liquid removed shall be classified for disposal.

J2

7. The overflow discharge from the cooling water tower shall be fixed so water does not spill onto the surrounding soil. This water is saturating the soil and may be flushing additional contaminants already found in the soil down to the groundwater.

8. The spills observed in the south end of building #3 where product is bottled shall be cleaned.

9. What type of subflooring if any underlies the brick floor in building #2? How are spills contained in this area?

10. The stained soil around the underground storage tank fill pipe shall be removed and properly disposed.

11. An aerial photographic history of the site shall be submitted. The timeperiod covered shall start from when the facility was built to the present. Photographs are available from various vendors, local governments, or local planning boards. Photographic scale should not be smaller than 1:20,000.

ACTIONS REQUIRED ON THE PART OF BISE

NONE

Inspector/Case Manager Signature _____

Approved: _____, Supervisor
Bureau of Industrial Site Evaluation

J3

Company Name FISHER SCIENTIFIC Co Plant I.D. No. 00228

Stack Log

Stack No.	CT. No.	Description of Source	RSPS	RESHAPS
✓1	6743	REACTORS		[illegible] 12/27/82
✓2	19342	WEIGH TABLES w/ HOODS		
✓3	22824	LAB HOOD VENT TANK HOOD QC	1 HOOD - ROOF	
✓4	23418	" " " ~~[illegible]~~		
		WJ 4/17/78		
5	40440	TANK #4 6,000 gal VARIOUS SOLVENTS		
6	40441	TANK #6 [illegible] VARIOUS SOLVENTS		
7	52201	TANK T-81		
8	48952	Scrubber #5		Deleted?
9	68379	Stack #9 - Bldg #3		
10	52200	TANK Vent for Tank T-83		
11	62848	027		
12	62849	028		
13	~~65733~~ 70520	Stack 013		
14	65734	Stack #004 Crandall Filler 55G		DELETED
15	66973	Methanol Distillation Receiver		
16	70521	014		
17	70601	015		
18	73039	016		
19	73040	017		
20	73041	018		

K

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
HAZARDOUS SITE MITIGATION ADMINISTRATION
BUREAU OF INDUSTRIAL SITE EVALUATION

ENVIRONMENTAL CLEANUP RESPONSIBILITY ACT (ECRA)

APPLICATION FOR ECRA REVIEW
INITIAL NOTICE

SITE EVALUATION SUBMISSION (SES)

This is the second part of a two-part application submittal and must be submitted within 30 days following public release of the decision to close operations or execution of an agreement of sale or option to purchase.

DATE December 23, 1985

NAME OF INDUSTRIAL ESTABLISHMENT Fisher Scientific

ADDRESS 1 Reagent Lane

CITY OR TOWN Fair Lawn ZIP CODE 07410

MUNICIPALITY Fair Lawn COUNTY Bergen

NAME OF PROPERTY OWNER Allied Health & Scientific Products Company

FIRM: Allied Health & Scientific Products Company

ADDRESS: 711 Forbes Avenue

CITY OR TOWN: Pittsburgh, PA ZIP CODE: 15219

MUNICIPALITY Pittsburgh COUNTY Allegheny

SUBMIT THE ORIGINAL PLUS TWO COPIES OF THE FOLLOWING:
(NOTE: ITEM FOURTEEN (14) REQUIRES THREE COPIES)

9. A scaled site map identifying all areas where hazardous substances or wastes have been or currently are generated, manufactured, refined, transported, treated, stored, handled or disposed, above or below ground.

IS THIS MAP ENCLOSED? ☒ YES (See Appendix # A) ☐ NO

10. A detailed description of the most recent operations and processes at the industrial establishment organized in the form of a narrative report designed to guide the Department step-by-step through a plant evaluation, with particular emphasis on areas of the process stream where hazardous substances and wastes are generated, manufactured, refined, transported, treated, stored, handled or disposed on site, above or below ground. Also identify any floor drains with their points of discharge, septic systems if applicable, seepage pits and dry wells. Please note that establishments which ceased production prior to December 31, 1983, but are subject to ECRA because of on-going storage beyond that date, must provide details on past operations.

IS THIS REPORT ENCLOSED? ☒ YES (See Appendix # B) ☐ NO

IF YOU HAVE CHECKED "NO", STATE THE REASON(S): _____

Attachment 9
9-1

FOR DEP USE ONLY

Notice No. _____

L1

Storage	Materials of Construction*	Capacity (Gallons)	Contents	Location
Tank #4	CS	6,000	Solvents	South of Bldg. 3
Tank #5	GL	4,000	Acid Solutions	South of Bldg. 3
Tank #6	CS	6,000	Solvents	South of Bldg. 3
Tank #7	GL	2,000	Acid	West of Bldg. 3
Tank #9	SS	1,000	Caustic Solutions	West of Bldg. 3
Tank #10	GL	1,000	Acid Solutions	West of Bldg. 3
Tank #11	SS	3,000	Formaldehyde Solns.	West of Bldg. 3
Tank #15	SS	2,000	Caustic Solutions	West of Bldg. 3
Tank #17	GL	2,000	Acid Solutions	West of Bldg. 3
Tank #64	AL	1,300	Solvents	South of Bldg. 3
Tank #65	SS	2,000	50% NaOH	West of Bldg. 2
Tank #66	SS	2,000	Acetic Acid	West of Bldg. 2
Tank #67	SS	2,000	Phosphoric Acid	West of Bldg. 2
Tank #68	SS	2,000	Potassium Hydroxide	West of Bldg. 2
Tank #73	SS	250	Solvents	South of Bldg. 3
Tank #74	GL	1,000	Solvents	South of Bldg. 3
Tank #75	SS	250	Solvents	South of Bldg. 3
Tank #76	SS	1,000	Solvents	South of Bldg. 3
Tank #78	SS	1,000	Solvents	South of Bldg. 3
Tank #79	SS	1,000	Solvents	South of Bldg. 3
Tank #80	SS	3,000	Solvents	South of Bldg. 3
Tank #81	SS	5,000	Methanol	South of Bldg. 3
Tank #82	SS	4,500	Methanol	South of Bldg. 3
Permount Tank	GL	1,000	Toluene	South of Bldg. 3
Wright Stain Tank	GL	500	Methanol	South of Bldg. 3
Drum Storage	Asphalt	20,000	Hazardous Waste	South of Bldg. 2
Drum Storage	Concrete/ Asphalt	--	Raw Materials	Building 1 South of Bldg. 1 South of Bldg. 2

* CS - Carbon steel
GL - Glass lined
SS - Stainless Steel
AL - Aluminum

Davy McKee

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

CHEMICAL MANUFACTURING DIVISION

FISHER SCIENTIFIC COMPANY

1 REAGENT LANE

BERGEN COUNTY

FAIR LAWN, NEW JERSEY 07410

NOVEMBER 16, 1981

Davy McKee
ENGINEERS AND CONSTRUCTORS

100 OAK WAY
BERKELEY HEIGHTS, NEW JERSEY 07922

G-3 L3

Davy McKee
ENGINEERS AND CONSTRUCTORS

2. GENERAL INFORMATION

The administration of the Chemical Manufacturing Division (CMD) and the production facilities of the Fair Lawn Plant (FL) of the Fisher Scientific Company are both located at 1 Reagent Lane, in the Fair Lawn Industrial Park, adjacent to Route 208 on a 9.08 acre site. This facility, as developed since 1954, is permitted for laboratory - manufacturing - warehousing occupancy.

Operations are conducted under Standard Industrial Classifications (SIC) Code 2899 - Chemical preparations with the Federal Food and Drug Administration (FDA) regulating this entire plantsite under its Good Manufacturing Practices (GMP) program. Production under GMP requires extensive data processing, records retention, testing, quality assurance, labeling and performance audits.

U.S. Food and Drug Administration
Department of Health, Education and Welfare
20 Evergreen Place
East Orange, N.J. 07018
201-645-2644

Additional governmental supervision, control, and operational audits are made by the following agencies:

(For handling low grade radioactive chemicals)

U.S. Nuclear Regulatory Commission (NRC)
Region I Material Licensing Section
631 Park Avenue
King of Prussia, Pa. 19406
215 337-5260

(For controlled substances)

Drug Enforcement Administration of U.S. Dept. of Justice (DEA)
970 Broad Street, Suite 806
Newark, N.J. 07102
201 645-6060

The manufacturing and testing of certified laboratory reagents, in-vitro diagnostics, peripheral equipment and supplies as processed at this site has increased and expanded dramatically since 1954. These materials are vital to the growing research and development (R&D) , testing, and medical laboratories of this region and the nation. Business growth created the following expansions since 1954:

Consolidated Railroad Corporation (Conrail). The use of the rail spur that enters the rear plant yard is expected to be discontinued in 1982.

Efforts to restrict expansion at this site, during 1980; by neighbors and nearby political activists have been extensive. Several odor emmissions from this plantsite, most noteworthy being one of a mercaptan (odor of household cooking gas) during a particularly warm, humid summer night caused neighborhood complaints and hostilities at a time when the Planning Board was reviewing an application for an expanded process development laboratory. In an effort to counter some of the resulting negative publicity, Fisher Scientific Company Management hosted several governmental agencies to inspect this plantsite.

While situated in the Fair Lawn Industrial Park, Fisher Scientific's plantsite is separated from residential neighbors by two parallel railroad tracks. Henderson Brook is on the up-stream side of the plantsite to these neighbors with a culvert connecting the plantsite with these residential neighbors. Several incidents of chemical spills have occurred into Henderson Brook over the last 27 years, as detailed in Section 4.1.

During 1972, April through August, oil slicks and pollution conditions were attributed to Nabisco, Gentry and Fisher Scientific. In October of 1980 a faulty plug in an abandoned storm sewer system required correction.

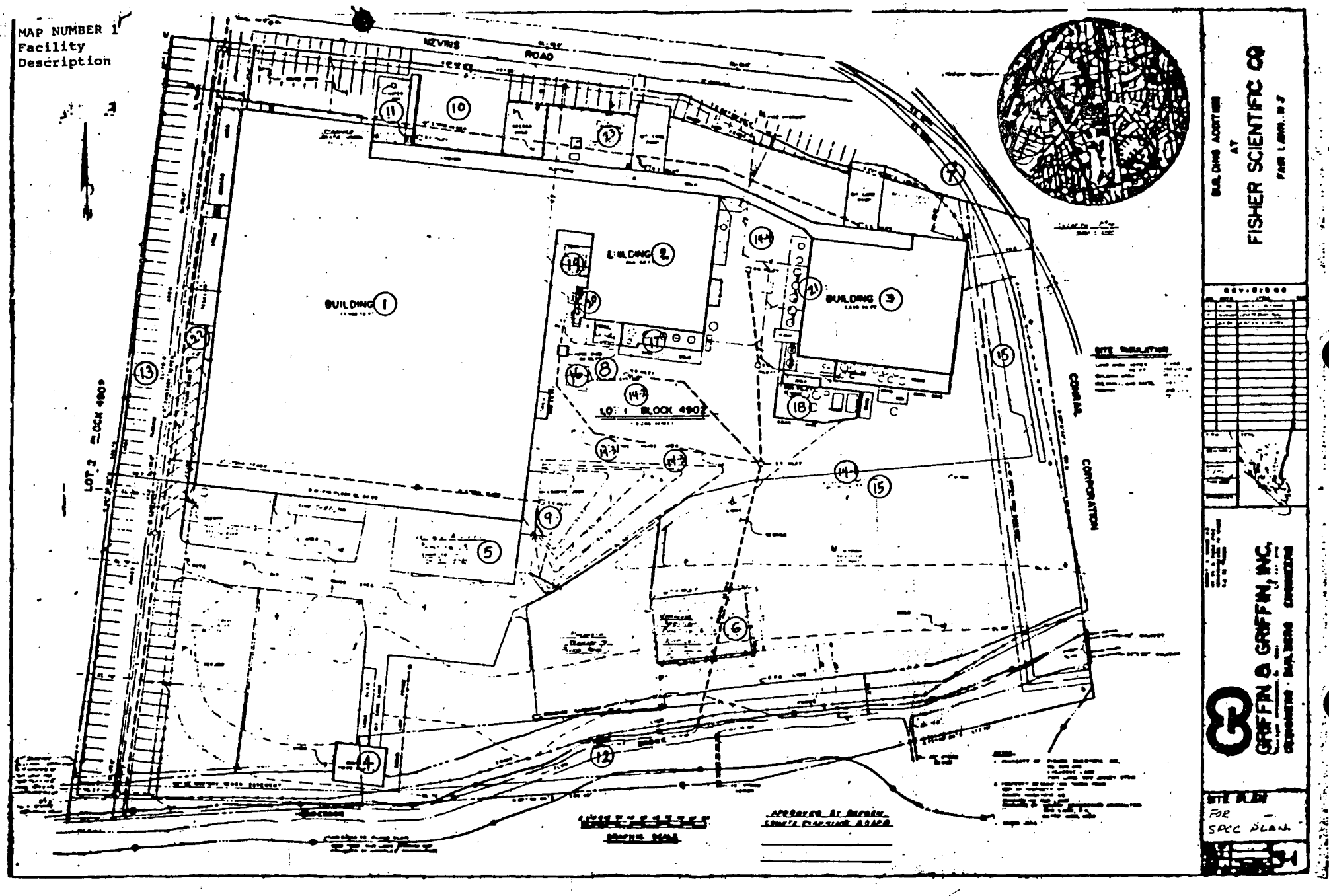
Neighboring tenants of this industrial part include Nabisco, Crompton and Knowles, Brioski, Kodak, Forsman Color, Sandvik, Lee & Perrins, 3M, N. J. Bell Telephone and American Can. A tour of adjacent roadways revealed numerous industrial outdoor chemical storage locations of both drums and tankage.

The nearby communities of this area, Industrial Park tenants, and several governmental agencies are particularly concerned with groundwater and well contamination. Numerous wells in this geographical region can no longer be used due to contamination. Specific information is located in Section 4.8 of this document and includes a letter from the State of New Jersey, Department of Environmental Protection dated September 26, 1980 which clearly states that Fisher Scientific is "not implicated in this contamination".

MAP NUMBER 1 - FACILITY DESCRIPTION

	FACILITY	LOCATION NO.
BLDG.	1 Administration, Laboratories, Dry Pkg.	1
	2 Manufacturing	2
	3 Manufacturing - Liquid Packaging	3
	4 Compactor Shed	4
	5 Warehouse	5
	6 Warehouse	6
	7 Railroad Siding	7
	8 Truck - Tank Truck Unloading Area	8
	Truck - Shipping	9
	Truck - Receiving	10
	Guardhouse	11
	Henderson Brook	12
	Parking Lots	13
	Drum Storage Pads	14-1-2-3-4
	Empty	14-1
	In-Process	14-2
	Raw Materials	14-3
	Salvage & Reclamation	14-4
	Pallet Storage Areas (2)	15
	Cooling Tower	16
	Production Stills (7)	17
	Tank Farm	18
	Paraffin Tanks (2)	19
	Dedicated Tanks (7)	20
	Campaign Tanks (10) Batch products	21
	Gas Cylinder Storage Areas (3)	22
	Fuel Oil Tanks (2)	23

MAP NUMBER 1
Facility
Description

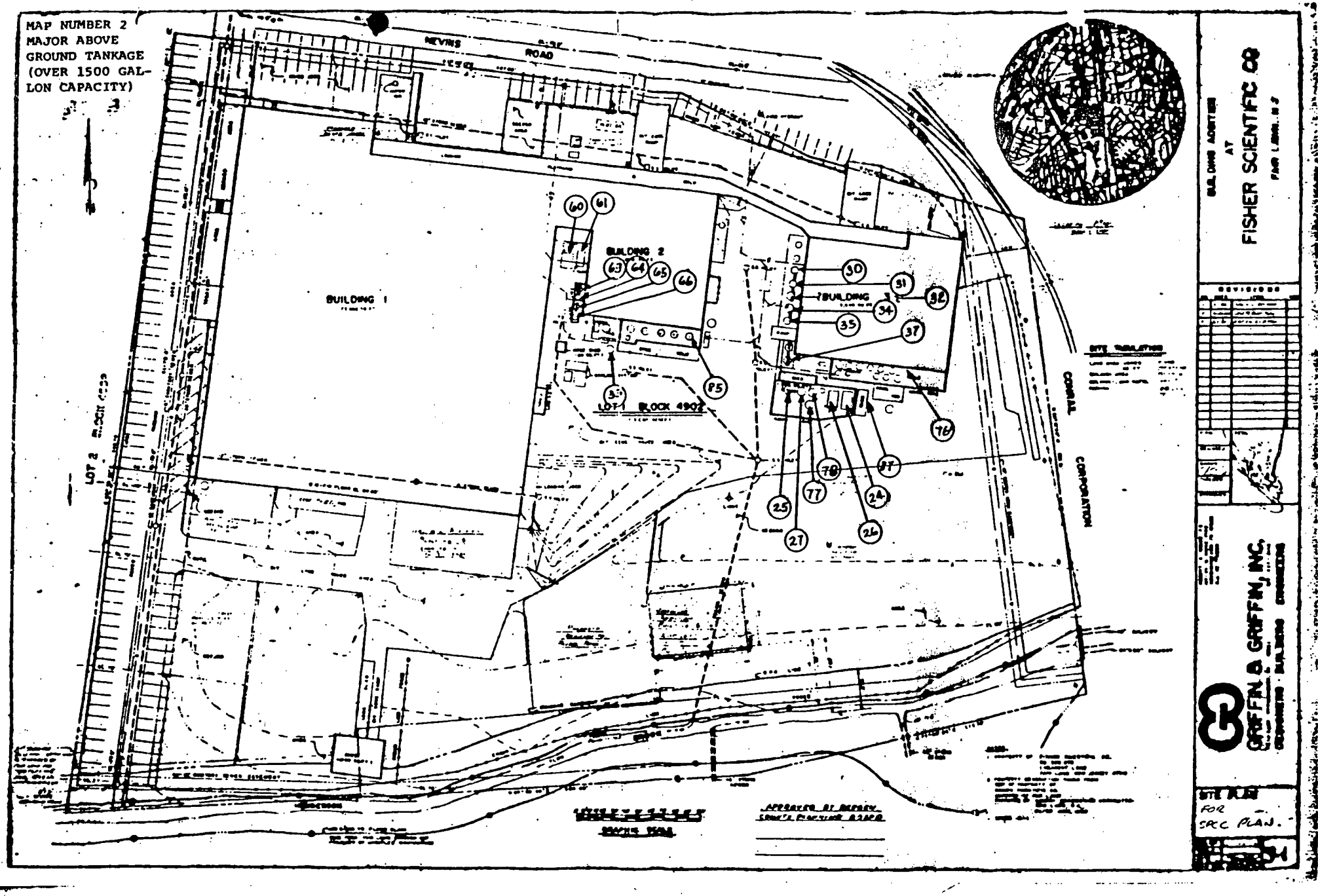


4-7

MAP NUMBER 2 - MAJOR ABOVE GROUND TANKAGE (OVER 1500 GALLON CAPACITY)

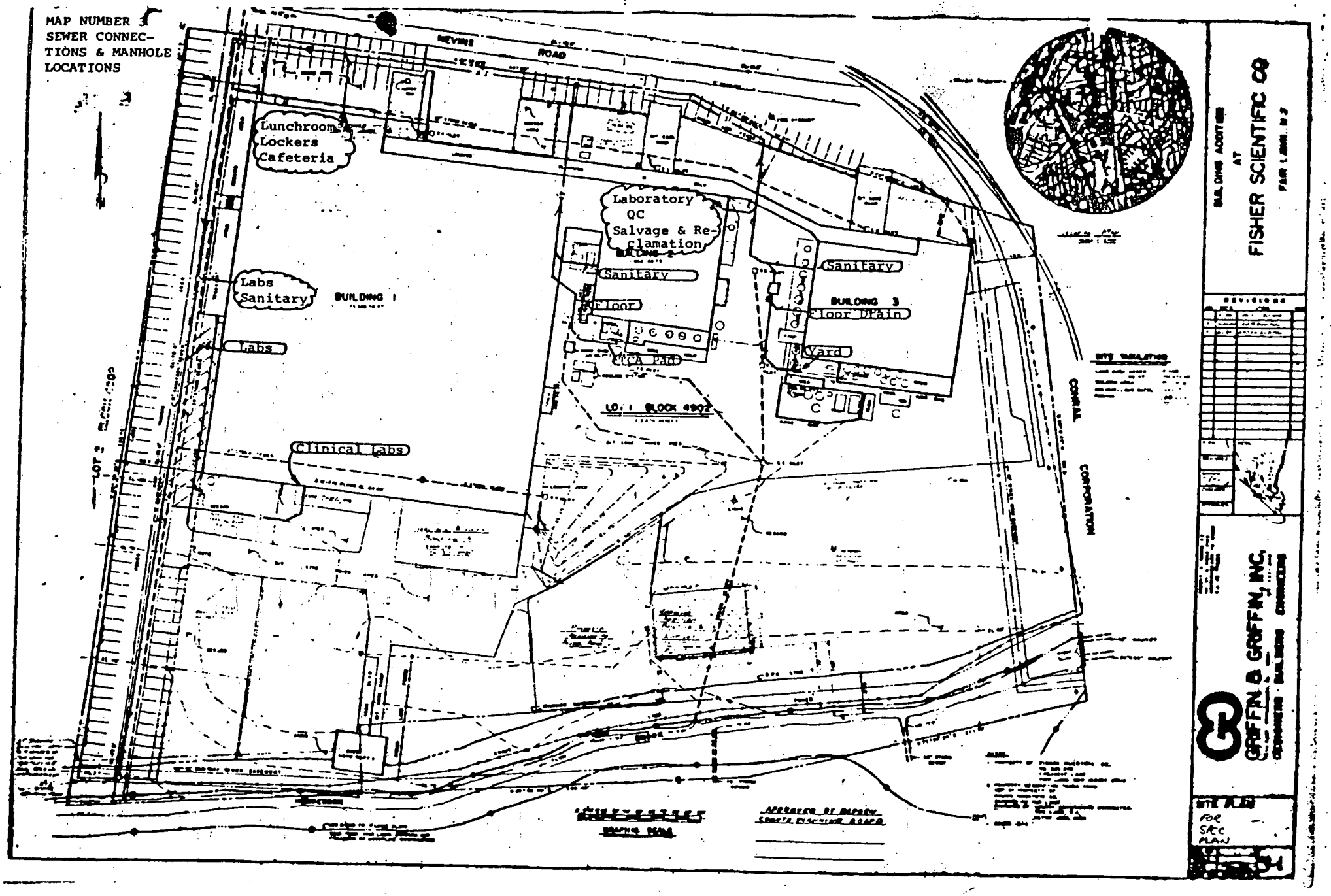
TANK #	NAME	CAPACITY	YR INSTALLED	USE DESCRIPTION
24	Tank 4	6400	Before 1959	Solvent storage
25	Tank 5	3600	" "	Solvent storage
26	Tank 6	6400	" "	Solvent storage
27	Tank 7	2000	1979	Acid Storage
30	Tank 11	3000	1977	Solution Manufacture
31	Tank 12	4000	1976	" "
32	Tank 13	4000	1980	" "
33	Old Tank 13	4000	1981	Waste Neutralization
34	Tank 14	2000	1976	Solutions Manufacture
35	Tank 15	2000	1967	" "
37	Tank 17	2000	1979	" "
60	Tank 62	8000	1973	Wax Storage
61	Tank 63	6000	1958	" "
63	Tank 64	2000	1967	50% Caustic Storage
64	Tank 66	2000	1967	Acetic Acid Storage
65	Tank 67	2000	1967	Phosphoric Acid Storag
66	Tank 68	2000	1971	Caustic Potash "
76	Tank 80	3000	1978	Solvent Receiver
77	Tank 81	5000	1980	Methanol Storage
78	Tank 82	4500	1980	" "
85	Still 7	2000	1978	Distiallation Column
87	Big Water Tank	15000	1976	Deionized Water Storag
88	Sma. Water Tank	2000	1966	Distilled Water "
92	Outside Sewer	2000	1981	Neutralization Tank

MAP NUMBER 2
MAJOR ABOVE
GROUND TANKAGE
(OVER 1500 GAL-
LON CAPACITY)



LG-9

MAP NUMBER 3
SEWER CONNECTIONS & MANHOLE LOCATIONS



01-10

4.3 FACILITY TRANS FER OPERATIONS, PUMPING AND INPLANT PROCESS (EXCLUDING PRODUCTION FACILITIES)

(i) Buried pipelines are not used for product transfer at this plant.

(ii) Pipelines not in service or in standby service for an extended period of time, the terminal connection at the transfer point are capped or blank-flanged and marked as to origin. These are usually small diameter of carbon steel or stainless steel construction.

(iii) Pipe supports as installed carry small diameter carbon steel or stainless steel pipes.

(iv) All pipelines including portable hoses shall be inspected for leaks and other damage, including:

1. Pipeline support, corrosion
2. Flange joints
3. Expansion joints
4. Valve glands and bodies
5. Catch pans
6. Locking of vlaves (where required)
7. Pressure testing
8. Immediately after periods of severe freezing conditions or extended high temperature conditions.

(v) Truck entry, exit, and turn-around areas are free of overhead pipelines and pipe racks.

4.4 Facilities Tank Car and Tank Truck Loading/Unloading

(i) All requirements of the Federal Department of Transportation (D.O.T.) are to be met while either loading or unloading tank trucks.

(ii) All rack area drainage is contained within the diked areas. While the plantsite is sewed by a railroad siding, these facilities will no longer be used for either receipt or shipment. A quick drainage system necessary for truck shipments includes the use of the dry sump adjacent to the steel pad and auxilliary containment diking of the adjacent areas.

(iii) All tank truck loading/unloading shall be under the supervision of an assigned yardman with periodic visual monitoring required. The use of a spotting physical barrier and periodic bottom outlet connection inspection are required for all liquid transfers to/from trucks.

(iv) Unloading of hazardous materials and substances from tank trucks shall be in accordance with 49 CFR - Transportation (DOT), the following mandatory procedures will be followed:

1. No transfer of material will be allowed while engine is running unless the engine of the motor vehicle is used in the operation of an on-board pump.

2. Handbrake set while loading and unloading. No hazardous material shall be loaded into or on, or unloaded from, any motor vehicle unless the handbrake be securely set and all other reasonable precautions be taken to prevent motion of the motor vehicle during such loading or unloading process.

3. Smoking on or about any motor vehicle while unloading any flammable or other hazardous material or substance, is forbidden.

4. Bonding and grounding cargo tanks BEFORE and during transfer of material is mandatory. Electrical continuity shall be maintained from cargo tank to receiving tank. This connection shall be maintained in place until transfer is complete and all valves closed and disconnection has occurred.

FILE

D ● NT OF ENVIRONMENTAL PR ●

To BPA 4/29/87

New/Comp

STANDARD APPLICATION FORM (CP # 1)
CONSTRUCTION AND DISCHARGE PERMITS

NJ0066178

READ REQUIREMENTS
PLEASE TYPE OR PRINT

1. Applicant/Owner* Fisher Scientific Company Telephone (201) 796-7100
   Permanent Legal Address Chemical Division, 1 Reagent Lane
   City or Town Fair Lawn State NJ Zip Code 07410

2. Location of Work Site Fair Lawn, NJ
   Name of Facility, if applicable Fisher Scientific Company
   Street/Road 1 Reagent Lane
   Lot No. 1 Block No. 4902
   City or Town Fair Lawn State NJ Zip Code 07410
   Municipality Borough of Fair Lawn County Bergen

3. If applicable, give name of: Engineer/Surveyor/Well Driller/Geologist/Soil Scientist *(Specify).*
   Name Anthony J. DeFalco, P.E. N.J. License No. 15263
   Name of Firm, if employee Roy F. Weston, Inc.
   Address Weston Way County Chester
   Municipality West Chester State PA Zip Code 19380
   Telephone (215) 430-3095

4. This is an application for NJPDES/SIU Permit
   (Name of permit, certification, approval or exemption. See Item 9. Next Page.)

5. Fee is attached (If applicable). $ N/A (No fee required for compost application.)
   (Provide explanation of how fee was calculated. Read Requirements Section of Standard Application booklet.)

6. Estimated construction cost of project:
   a. $ N/A total cost of the project.
   b. $ N/A portion for which this permit is requested.

7. I have included certifications of any public notifications. N/A Yes _____ No _____

8. If applicable:
   (For Waterfront Development and Stream Encroachment applications, &c. must be completed.)
   a. Source of Water Supply Borough of Fair Lawn and Subsurface/Percolating Water
   b. For Treatment at (Water Treatment Plant) N/A
   c. Stream, Waterway, Pond or Lake N/A
   d. Wastewater Treatment Facility Passaic Valley Sewerage Commissioners (PVSC) (NJ0021016)

* *Applicant/Owner must be the individual or municipality, public agency, utility, company, industry who will be the eventual owner and operator of said facility (sewer extension or treatment works) when completed.*

2/85

FOLLOW INSTRUCTIONS CAREFULLY

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9. Have any other applications for this site/project been submitted, or ... state permits been issued for this project? *(If yes, indicate status and project number below.)*

No ..... Yes ..... Decision .....

PERMIT TYPE *(Use additional sheets if necessary.)*	APPLICATION STATUS (PENDING - APPROVED)	PROJECT #
9.1 CAFRA		
9.2 Waterfront Development (Riparian)		
9.3 Wetlands		
9.4 Purchase Water		
Diversion:		
9.5 Divert Water Supply for Public Use		
9.6 Divert Surface Waters for Private Use		
9.7 Divert Subsurface/Percolating Water for Private Use	Pending	
9.8 Well Drilling		
9.9 Permanent Water Lowering		
9.10 Temporary Water Lowering		
9.11 Construct/Modify, Operate Public Potable Water Works		
9.12 Connection between an approved water supply and non-approved supply		
9.13 Water Quality Certification		
9.14 Construct/Repair Dam		
9.15 Stream Encroachment		
9.16 Sewer Systems: Collectors, Pump Station, etc.		
9.17 Exemption from Sewer Ban		
9.18 New Jersey Pollutant Discharge Elimination System (Specify) SIU		
9.19 Solid Waste Permits (Specify)		
9.20 Air Quality Permits (Specify)		
9.21 Delaware and Raritan Canal Review Zone "Certificate of Approval"		
9.22 Pinelands Certificate		
9.23 Other State agencies' permits		
9.24 Local Permits PVSC Discharge Permit	Approved	
9.25 Federal Permits		

10. **Brief Description of the Proposed Project and Intended Use:**

Pumping of groundwater to provide cooling system feed water and concurrently to contain and remediate VOC contamination. Groundwater will be discharged through an existing connection to the Passaic Valley Sewerage Commissioners Treatment Works. Sources of existing flow include process wastewater, sanitary wastewater and cooling water from Plant Well #2. Planned additional sources of flow include new production wells No. 4 and 5 and new trenches numbers 1 and 2.

11. **I hereby certify that the information furnished on this application (and the attachments) is true. I am aware that false swearing is a crime in this State and subject to prosecution.**

David H. Cassidy
Type: Name and Date

Signature of Applicant

Vice President & General Manager
Type: Position Chemical Division

April 24, 1987
Date

2

C. **PROPER CONSTRUCTION AND OPERATION CLAUSE** (Sewer Extensions, Treatment Works Approval, Water Works)

I, the applicant, agree that the works will be properly constructed and operated in accordance with the engineering plans and specifications, as approved, and the conditions under which approval is granted by the State Department of Environmental Protection.

Signature of Applicant

D. **STATEMENT OF PREPARER OF PLANS, SPECIFICATIONS AND ENGINEER'S REPORT**

I hereby certify that the engineering plans, specifications and engineer's report applicable to this project comply with the current rules and regulations of the State Department of Environmental Protection with the exceptions as noted.

Anthony J. DeFalco

Signature of Engineer

Anthony J. DeFalco, P.E. 27 April 1987

Type: Name and Date

PROFESSIONAL ENGINEER'S EMBOSSED SEAL

Vice President, ROY F. WESTON, INC.

Position, Name of Firm

E. **OWNER'S COMPLIANCE WARRANT** (NJPDES ONLY)

I, the owner, hereby agree that any treatment works constructed to meet the NPDES/NJPDES permit discharge limits will be properly constructed and operated to meet those limits. I also warrant that the discharge(s) will meet the effluent limitations as described in the NPDES/NJPDES permit, as issued, subject to my rights to contest such limitations under Section 8 of the NJPDES Regulations (N.J.A.C. 7:14A-1 et seq.).

Edward F. Cassidy

Signature of Owner

Vice President-Chemical Division

Title

April 24, 1987

Date

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Form WQM-001
-1/85

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM
SUPPLEMENT TO THE STANDARD APPLICATION FORM CP #1

APPLICATION TO DISCHARGE WASTEWATERS AND RESIDUALS TO THE STATE'S LAND AND WATER

Answer all questions. Please print or type.

1. Circle the letter(s) for those discharge activities presently conducted or to be conducted as part of the facility's operation. (Seasonal facility operation shall be considered as a present operation.)
   In the space provided, indicate if there is an existing NJPDES or NJPDES permit for each circled activity (yes/no).
   In the space provided, indicate if this application is for a "new" source, and "existing" source, or a "renewal" of a current permit.

DISCHARGE ACTIVITY	YES/NO	NEW, EXISTING, RENEWAL
A. Sanitary Surface Water Discharge		
B. Industrial/Commercial Surface Water Discharge		
C. Thermal Surface Water Discharge		
D. Land Application of Sludge and Septage		
E. Land Application of Industrial Waste Residuals		
F. Landfill – Industrial/Commercial Waste		
G. Spray Irrigation – Industrial		
H. Overland Flow – Industrial		
I. Infiltration/Percolation Lagoon – Industrial		
J. Surface Impoundment – Industrial		
K. Underground Injection (UIC) – Industrial		
(L.) Indirect Discharge to POTW (SIU)	No	New
M. Subsurface Disposal – Industrial		
N. Community Septic System		
O. Landfill – Municipal/Sanitary		
P. Spray Irrigation – Sanitary		
Q. Overland Flow – Sanitary		
R. Infiltration/Percolation Lagoon – Sanitary		
S. Surface Impoundment – Sanitary		
T. Underground Injection (UIC) – Sanitary		
U. Dredge Spoils		
V. Sludge Processing/Distribution Facility		
W. Oil/Water Separators		
X. Confidentiality Request		
Y. 316 Variance Work		
Z. Residuals Transfer Facilities		
1. Municipal Solid Waste Transfer Facility		
2. Sanitary Sludge Storage Facility		
3. Residuals Infiltration/Percolation Lagoon		
4. Residuals Surface Impoundment		
5. Group I – Stormwater Runoff		
6. Group II – General Permit Stormwater Runoff		
7. Underground Storage Tank		

2. Location of Discharge: Latitude 40° 57' 00" Longitude 74° 07' 30"

Receiving Stream N/A

River Basin N/A

m4

(Over)

3. Name and address of applicant's parent corporation, subsidiary, or partnership data.
(Attach additional sheets if necessary.)

Name Fisher Scientific Company Telephone No. (201)796-7100

Mailing Address Chemical Division, 1 Reagent Lane

City or Town Fair Lawn State NJ Zip Code 07410

4. Facility's Contact Person *(This person must be responsible for and familiar with the facility operation.)*

Name Jay F. Young, Jr. Telephone No. (201)796-7100

Address of Operator Chemical Division, 1 Reagent Lane

City or Town Fair Lawn State NJ Zip Code 07410

5. Is the facility a ☐ Federal Facility ☐ Public Facility (a local government subdivision)
☐ State Facility ☒ Private Facility

6. List in order of priority all Standard Industrial Codes (SIC) which best reflect the principal products or services provided by the facility.

SIC	PRODUCTS OR SERVICES PROVIDED
2899, 2819 and 2869	Processing, Formulating and Packaging of Fine Chemicals

7. If applicable, identify all administrative orders, temporary or permanent injunctions, civil administrative penalties, civil penalties, or criminal actions concerning pollution issued against the facility during the last five (5) years.

ENFORCEMENT ACTION	DATE OF ACTION	RESULT
Administrative Consent	March 21, 1984	Ongoing Site Remediation Program
Notice of Violation	December 12, 1986	Unlabeled drum violation corrected Dec. 12, 1986, no enforcement action to date

8. If applicable, list all locations involved in the storage of solid or liquid waste at the facility for which the NJPDES application is being made and the ultimate disposal sites of solid or liquid wastes generated by the facility being permitted.

STORAGE SITE(S)	ULTIMATE DISPOSAL SITE(S)
N/A	N/A

9. If applicable list the amount of sludge generated per month and type of treatment, if any, given to the sludge just before its disposal.

Amount of Sludge Generated	Type of Sludge Treatment
N/A	N/A

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ATTACHMENT 1

DESCRIPTION OF DISCHARGE TO BE PERMITTED

The Fisher Scientific Company (FISHER), Fair Lawn facility (see location map - Figure 1) has been in operation since the mid-1950's and was previously permitted for discharge of industrial and sanitary wastewater to the Passaic Valley Sewerage Commissioners (PVSC) treatment works. FISHER is now applying for a NJPDES-SIU permit for the additional discharge of groundwater containing volatile organic pollutants associated with groundwater remediation efforts. This groundwater discharge will make FISHER a Significant Industrial User (SIU). Groundwater remediation plans were developed under an Administrative Consent Order (ACO) with NJDEP effective 21 March 1984. The Remedial Action Plan (RAP) that has been developed for the Fair Lawn facility has been reviewed and approved by the NJDEP Bureau of Industrial Site Evaluation (ECRA Case #85823).

Groundwaters will be collected and withdrawn from an ensemble of conventional plant wells (PW) and interceptor trenches (IT). Plant Well 2 (PW-2) is an existing well (existing well PW-1 will be removed from service and sealed). Plant Wells 4 & 5 have yet to be installed. These wells and trenches are shown on Figure 2.

Figure 3 shows a schematic diagram of the wastewater sources and anticipated flows. Existing flows are similar, with the exception of groundwater recovery wells and trenches. The flows indicated are based on current flow estimates. Under the RAP the wells must be pumped at the rates indicated on Figure 3. The trenches will be pumped to maintain a fixed water level (initially 64-65 feet above MSL) which is projected to result in the flows indicated on Figure 3. The groundwater remediation program will be evaluated and adjusted periodically to assure that performance is satisfactory.

The existing spill detention/neutralization system is designed to provide for capture of inadvertant spills for contingency response and to provide neutralization, if necessary, to maintain the pH within PVSC discharge limits (pH 5.5 to 10). The system consists of a 4,800 gallon FRP tank with four chambers separated by baffles. The influent is mixed and pH is continuously monitored. Acid or caustic is automatically fed from one of two 200-gallon storage tanks if the pH falls outside a range of 6.0 to 9.5. The detention/neutralization tank is also equipped with a by-pass line which allows spilled material to be contained for analysis and, if necessary, contingency response.

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- The existing Discharge 001 monitoring station is equipped with a Parshall Flume for flow measurement, automatic sampler and an explosion meter to comply with the PVSC permit monitoring requirements. The location of discharge and monitoring points (Discharge 001) are shown on Figure 2. This figure also shows collection sewers from Buildings 1, 2, and 3, each of which contain numerous drains to the collection sewers.

m8

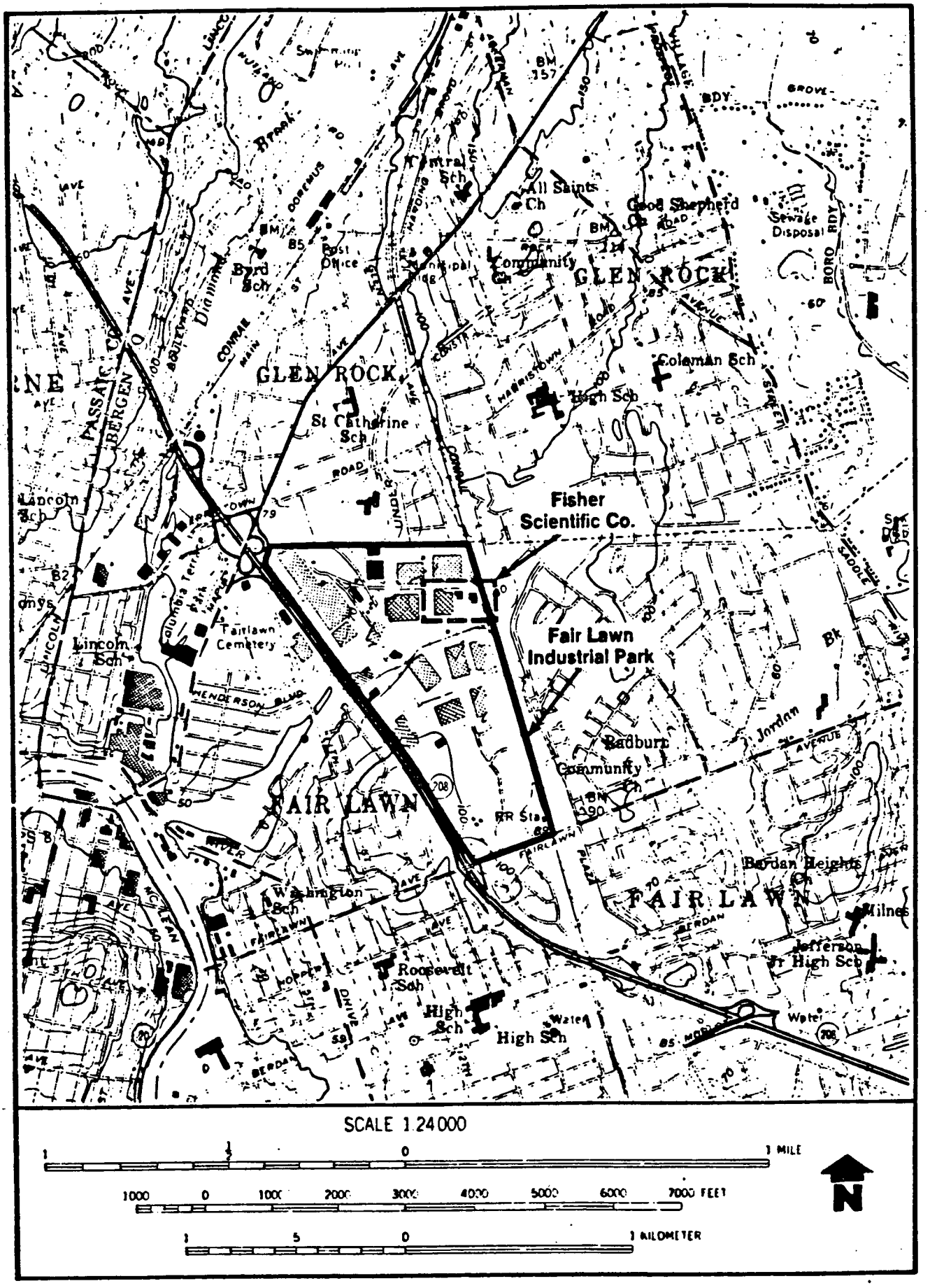

FIGURE 1 LOCATION MAP

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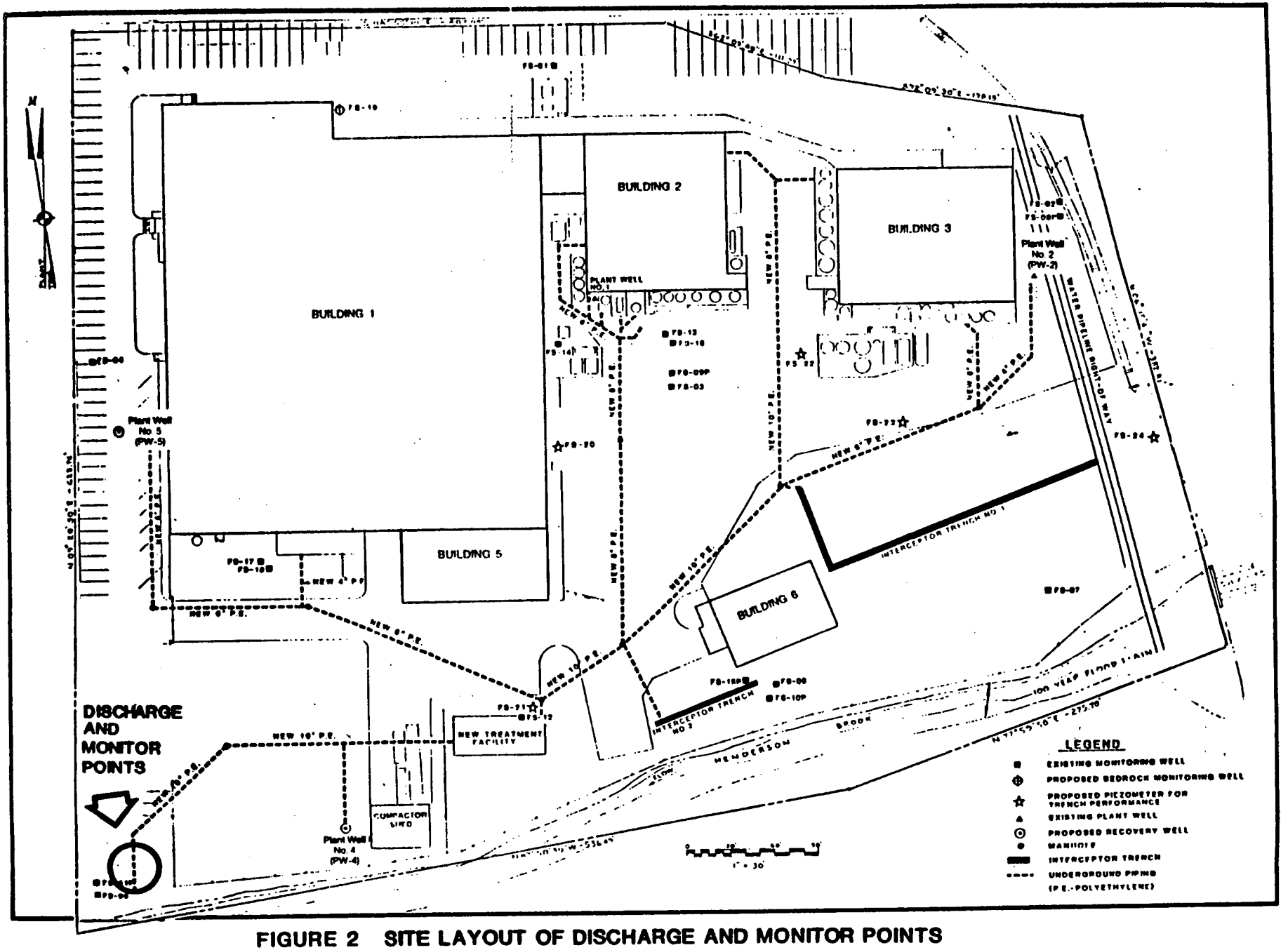

FIGURE 2 SITE LAYOUT OF DISCHARGE AND MONITOR POINTS

WESTON

310

Fisher Scientific

Chemical Division
1 Reagent Lane
Fair Lawn, NJ 07410
(201) 796-7100

April 24, 1987

Mr. John L. Schneider
Borough of Fair Lawn
Municipal Building
8-01 Fair Lawn Ave
Fair Lawn, NJ 07410

Dear Mr. Schneider,

As you know, Fisher Scientific Company's Fair Lawn Facility is currently under an Administrative Consent Order (ACO) with the New Jersey Department of Environmental Protection to conduct a groundwater recovery program. In cooperation with NJDEP, Fisher is proposing to discharge the recovered groundwater to the Passaic Valley Sewerage Commissioners.

The proposed discharge, as in the past, will be received by the Borough of Fair Lawn sewerage collection system. To accomplish this objective, Fisher is required to obtain an SIU permit from NJDEP. This permit requires the endorsement of the Borough of Fair Lawn. We have enclosed for your review a copy of the SIU permit application and required endorsement sheet. Please advise if there is any additional information you will require to complete the enclosed forms, or if you have any questions, please call me at (201) 796-7100, Ext. 251.

Sincerely,

FISHER SCIENTIFIC COMPANY

Jay F. Young
Manager, Environmental Affairs

JFY/ns
Enclosure

M11

CN 028
Trenton, N.J. 08625-0028

(609) 633-1408

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE MANAGEMENT

Michele M. Putnam
Deputy Director
Hazardous Waste Operations

John J. Trela, Ph.D., Director

Lance R. Miller
Deputy Director
Responsible Party Remedial Action

RECEIVED
APR 10 1989

M E M O R A N D U M

MAR 31 1989

TO: Distribution List

FROM: Thomas Sherman, Acting Chief T. Sherman
Bureau of Hazardous Waste Engineering

SUBJECT: NJDEP Draft Permit for Fisher Scientific Company, 1 Reagent Lane, Fair Lawn, New Jersey to operate a Hazardous Waste Facility Permit.

Please be advised that the New Jersey Department of Environmental Protection has reached final determination on the above referenced draft permit, and has concluded that the permit be issued. If you have any questions, please call John Scott of my staff at 2-9880.

EP58/lm

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Recycled Paper

WESTON
MANAGERS DESIGNERS/CONSULTANTS
WESTON WAY
WEST CHESTER, PA 19380
PHONE: 215-692-3030
TELEX: 83-5348

27 April 1989

Mr. Howard Zlotkin
Fisher Scientific Company
One Reagent Lane
Fair Lawn, NJ 07410

W.O.#2408-02-20

Re: 1st Quarter 1989
RAP Progress Report

Dear Mr. Zlotkin:

The following is a summary of activities conducted at the Fisher Scientific Company (FISHER), Fair Lawn, New Jersey facility related to the Remedial Action Plan (RAP) during the first quarter of 1989.

The New Jersey Department of Environmental Protection (NJDEP) has not yet issued the NJPDES-SIU permit necessary for the discharge of groundwater. The application was submitted in April of 1987, now two years ago. Thus far, lack of this permit has prevented the startup of the full groundwater withdrawal and performance monitoring program.

As reported previously, construction of the groundwater recovery trenches and sumps were completed by the end of 1988. Trench piping, pumps and flow measurement instrumentation was completed in January 1989. The pump capacities were upgraded from 30 gpm, as called for in the RAP, to 50-60 gpm based on water flow rates observed during construction. This will ensure that peak flows (i.e. during startup and high rainfall periods) will be well within the capabilities of the pumps.

Shakedown testing of the trench pumping systems was initiated on 31 January 1989. Normal startup problems were found with pumps, instrumentation and control systems, and biological fouling on the temporary construction treatment system and repairs or corrective measures were executed during the months of February and March. With these problems resolved, the groundwater trenches have been in operation without significant interuption since 22 March 1989. This testing is expected to provide information on groundwater flow rates and water quality characteristics. This information will also be provided to the treatment works which will be receiving the groundwater. Final

01

grading, seeding, removal of erosion control devices and demobilization will be completed in the second quarter of 1989.

Quarterly groundwater sampling was conducted by Roy F. Weston, Inc. (WESTON) during the week of 27 February 1989. WESTON coordinated the sampling with SANDVIK's sampling efforts on the adjacent property. NJDEP chose not to split sample on this occasion.

Laboratory results for the first quarter of 1989 are attached. The groundwater monitoring data for the first quarter of 1989 continue to fall within the historical trends and range of variation for the individual constituents and the indicator parameters.

Activities planned for the second quarter of 1989 include:

- Continued shakedown testing of the groundwater recovery trench pumping, and flow measurement system.
- Quarterly monitoring effort scheduled for mid - May.
- Continue to request NJPDES-SIU permit issuance from NJDEP which is necessary to start up the full groundwater recovery program and initiate progress monitoring.

If you have any questions regarding this report or the attached data package, please contact me.

Very truly yours,

ROY F. WESTON, INC.

Peter S. Puglionesi, P.E.
Project Manager

PSP/jkc

Attachment

cc: G. Rayer (Pittsburgh)
R. J. Schoenburger - WESTON

PART B

Date: December 23, 1985
Revision No.: 0

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Date: December 23, 1985
Revision No.: 0

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1 GENERAL

EPA

GENERAL INFORMATION

Consolidated Permits Program

d the "General Instructions" before startin

F NJD 004362059

GENERAL INSTRUCTIONS

If a preprinted label has been provided, a
it in the designated space. Review the info
ation carefully; if any of it is incorrect, cr
through it and enter the correct data in
appropriate fill—in area below. Also, if any
the preprinted data is absent *(the area to
left of the label space lists the informat
that should appear)*, please provide it in
proper fill—in area(s) below. If the labe
complete and correct, you need not comp
items I, III, V, and VI *(except VI-B wh
must be completed regardless)*. Complete
items if no label has been provided. Refer
the instructions for detailed item desc
tions and for the legal authorizations un
which this data is collected.

LABEL ITEMS

I. EPA I.D. NUMBER

III. FACILITY NAME

V. FACILITY MAILING ADDRESS

VI. FACILITY LOCATION

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to an questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third colum If the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activit is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold—faced terms.

SPECIFIC QUESTIONS	MARK 'X' YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X	
B. Does or will this facility *(either existing or proposed)* include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)		X	
D. Is this a proposed facility *(other than those described in A or B above)* which will result in a discharge to waters of the U.S.? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X		
F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X	
H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	
J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

III. NAME OF FACILITY

1 SKIP FISHER SCIENTIFIC COMPANY

IV. FACILITY CONTACT

A. NAME & TITLE *(last, first, & title)*	B. PHONE *(area code & no.)*
2 JAY YOUNG MANAGER ENVIR. AFFAIRS	201 796 7100

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX

3 1 REAGENT LANE

B. CITY OR TOWN	C. STATE	D. ZIP CODE
4 FAIR LAWN	NJ	07410

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER

5 1 REAGENT LANE

B. COUNTY NAME

BERGEN

C. CITY OR TOWN	D. STATE	E. ZIP CODE	F. COUNTY CODE *(if known)*
6 FAIR LAWN	NJ	07410	

P11

RCRA

EPA

Consolidated Permits Program

(This information is required under Section 3005 of RCRA.)

F N J D 0 0 4 3 6 2 0 5 9

FOR OFFICIAL USE ONLY

APPLICATION APPROVED	DATE RECEIVED (yr., mo., & day)

COMMENTS

I. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below *(mark one box only)* to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION *(place an "X" below and provide the appropriate date)*

☐ 1. EXISTING FACILITY *(See instructions for definition of "existing" facility. Complete item below.)*

FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED *(use the boxes to the left)*

YR.	MO.	DAY
5 5	0 2	0 7

☐ 2. NEW FACILITY *(Complete item below.)*

FOR NEW FACILITIES PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN

YR.	MO.	DAY

B. REVISED APPLICATION *(place an "X" below and complete Item I above)*

☒ 1. FACILITY HAS INTERIM STATUS

☐ 2. FACILITY HAS A RCRA PERMIT

III. PROCESSES – CODES AND DESIGN CAPACITIES

A. PROCESS CODE – Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process *(including its design capacity)* in the space provided on the form *(Item III-C)*.

B. PROCESS DESIGN CAPACITY – For each code entered in column A enter the capacity of the process.

1. AMOUNT – Enter the amount.
2. UNIT OF MEASURE – For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:		
CONTAINER *(barrel, drum, etc.)*	S01	GALLONS OR LITERS
TANK	S02	GALLONS OR LITERS
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS
Disposal:		
INJECTION WELL	D79	GALLONS OR LITERS
LANDFILL	D80	ACRE-FEET *(the volume that would cover one acre to a depth of one foot)* OR HECTARE-METER
LAND APPLICATION	D81	ACRES OR HECTARES
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS
Treatment:		
TANK	T01	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
OTHER *(Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)*	T04	GALLONS PER DAY OR LITERS PER DAY

UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G
LITERS	L
CUBIC YARDS	Y
CUBIC METERS	C
GALLONS PER DAY	U
LITERS PER DAY	V
TONS PER HOUR	D
METRIC TONS PER HOUR	W
GALLONS PER HOUR	E
LITERS PER HOUR	H
ACRE-FEET	A
HECTARE-METER	F
ACRES	B
HECTARES	Q

EXAMPLE FOR COMPLETING ITEM III *(shown in line numbers X-1 and X-2 below)*: A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

C DUP T/A C 1

LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY 1. AMOUNT (specify)	B. PROCESS DESIGN CAPACITY 2. UNIT OF MEASURE (enter code)	FOR OFFICIAL USE ONLY
X-1	S 0 2	600	G	
X-2	T 0 3	20	E	
1	S 0 1	23,650 (18,600) proposed	G	
2	T 0 1	350 (Average)	U	
3	S 0 2	6,000 (proposed)	G	
4				
5				
6				
7				
8				
9				
10				

VII. SIC CODES (4-digit, in order of priority)

A. FIRST	B. SECOND
2818 (specify)	(specify)

C. THIRD	D. FOURTH
(specify)	(specify)

VIII. OPERATOR INFORMATION

A. NAME: FISHER SCIENTIFIC COMPANY

B. Is the name listed in Item VIII-A also the owner? [X] YES [ ] NO

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)
F = FEDERAL; S = STATE; P = PRIVATE; M = PUBLIC (other than federal or state); O = OTHER (specify)

P (specify)

D. PHONE (area code & no.): A 201 796 7100

E. STREET OR P.O. BOX: 1 REAGENT LANE

F. CITY OR TOWN: FAIR LAWN

G. STATE: NJ

H. ZIP CODE: 07410

IX. INDIAN LAND

Is the facility located on Indian lands? [ ] YES [X] NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water): 9 N

D. PSD (Air Emissions from Proposed Sources): 9 P

B. UIC (Underground Injection of Fluids): 9 U

E. OTHER (specify): 9 (specify)

C. RCRA (Hazardous Wastes): 9 R

E. OTHER (specify): 9 (specify)

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property bounderies. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

This facility manufactures and packages laboratory grade chemicals and solutions.

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
DAVID H. CASSIDY, V.P. & GEN.MGR.	David H. Cassidy	12/20/85

COMMENTS FOR OFFICIAL USE ONLY

INCLUDE DESIGN CAPACITY.

IV. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER – Enter the four–digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If yo handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four–digit number*(s)* from 40 CFR, Subpart C that describes the characteri tics and/or the toxic contaminants of those hazardous wastes.

B. ESTIMATED ANNUAL QUANTITY – For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annua basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non–listed waste*(s)* that will be handle which possess that characteristic or contaminant.

C. UNIT OF MEASURE – For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriat codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking int account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:
   For listed hazardous waste: For each listed hazardous waste entered in column A select the code*(s)* from the list of process codes contained in Item II to indicate how the waste will be stored, treated, and/or disposed of at the facility.
   For non–listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code*(s)* from the list of process code contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non–listed hazardous wastes that posses that characteristic or toxic contaminant.
   Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in th extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code*(s)*.

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER – Hazardous wastes that can be described b more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B,C, and D by estimating the total annua quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line ente "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV *(shown in line numbers X-1, X-2, X-3, and X-4 below)* – A facility will treat and dispose of an estimated 900 pound per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non–listed wastes. Two waste are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimate 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
X-1	K 0 5 4	900	P	T 0 3 D 8 0	
X-2	D 0 0 2	400	P	T 0 3 D 8 0	
X-3	D 0 0 1	100	P	T 0 3 D 8 0	
X-4	D 0 0 2				included with above

EPA I.D. NUMBER (enter from page 1)

W N J D 0 0 4 3 6 2 0 5 9 | W DUP | 2 DUP

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

No.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	P005	1	K	S01	
2	P010	5	K	S01	
3	P011	5	K	S01	
4	P012	10	K	S01	
5	P018	1	K	S01	
6	P022	25	K	S01	
7	P029	5	K	S01	
8	P030	1,000	K	S01 T01	
9	P053	1	K	S02*	
10	P077	1	K	S02*	
11	P087	5	K	S01	
12	P092	5	K	S01	
13	P098	50	K	S01	
14	P104	1	K	S01	
15	P105	10	K	S01 T01	
16	P106	100	K	S01 T01	
17	P113	1	K	S01	
18	P115	1	K	S01	
19	P116	2	K	S01	
20	P119	5	K	S01	
21	P120	1	K	S01	
22	P122	1	K	S01	
23					
24					
25					
26					

*Presently stored in containers, upon completion of the proposed modifications will be stored in the waste flammable solvents tank.

CONTINUE ON

EPA Form 3510-3 (6-80)

(enter "A", "B", "C", etc. behind the "3" to identify photocopied pages)

p15

EPA I.D. NUMBER (enter from page 1)

W N J D 0 0 4 3 6 2 0 5 9

FOR OFFICIAL USE ONLY

W DUP T/A 2 DUP

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

No.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U 0 0 1	10	K	S 0 2*	
2	U 0 0 2	500	K	S 0 2*	
3	U 0 0 3	1,000	K	S 0 2*	
4	U 0 0 4	5	K	S 0 2*	
5	U 0 0 6	5	K	S 0 2*	
6	U 0 0 7	5	K	S 0 1	
7	U 0 0 8	1	K	S 0 1	
8	U 0 1 2	25	K	S 0 2*	
9	U 0 1 4	1	K	S 0 1	
10	U 0 1 9	200	K	S 0 2*	
11	U 0 3 1	15	K	S 0 2*	
12	U 0 3 7	5	K	S 0 1	
13	U 0 4 4	1	K	S 0 1	
14	U 0 4 7	16	K	S 0 1	
15	U 0 4 8	1	K	S 0 1	
16	U 0 5 2	2	K	S 0 1	
17	U 0 5 5	2	K	S 0 2*	
18	U 0 5 6	200	K	S 0 2*	
19	U 0 5 7	5	K	S 0 2*	
20	U 0 6 7	2	K	S 0 1	
21	U 0 7 0	2	K	S 0 1	
22	U 0 7 2	10	K	S 0 1	
23	U 0 7 7	150	K	S 0 1	
24	U 0 8 0	10	K	S 0 1	
25	U 0 8 8	15	K	S 0 2*	
26	U 1 0 1	5	K	S 0 2	

CONTINUE ON RE

EPA I.D. NUMBER (enter from page 1)

W N J D 0 0 4 3 6 2 0 5 9 | W DUP | 2 DUP

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

No.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U102	25	K	S02*	
2	U108	1	M	S02*	
3	U112	100	K	S02*	
4	U117	2	K	S02*	
5	U122	6	M	S01	
6	U123	150	K	S01 T01	
7	U125	70	K	S02*	
8	U133	20	K	S01 T01	
9	U134	100	K	S01 T01	
10	U135	1	K	S01	
11	U138	2	K	S01	
12	U144	3	K	S01	
13	U146	2	K	S01	
14	U147	2	K	S01	
15	U151	50	K	S01	
16	U154	10	M	S02*	
17	U159	150	K	S02*	
18	U161	125	K	S02*	
19	U165	10	K	S02*	
20	U169	10	K	S02*	
21	U170	2	K	S01	
22	U182	10	K	S01	
23	U188	250	K	S01	
24	U190	10	K	S01	
25	U196	15	K	S02*	
26	U197	20	K	S01	

CONTINUE ON R

EPA Form 3510-3 (6-80)

(enter "A", "B", "C", etc. i "3" to identify photocopied pages)

A-8

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EPA I.D. NUMBER (enter from page 1)

W N J D 0 0 4 3 6 2 0 5

FOR OFFICIAL USE ONLY

W DUP 2 DUP

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

NO.	A. EPA HAZARD. WASTE NO (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U201	2	K	S01	
2	U202	2	K	S01	
3	U204	1	K	S01	
4	U209	150	K	S01	
5	U210	100	K	S01	
6	U211	150	K	S01	
7	U213	3	M	S01	
8	U214	2	K	S01	
9	U217	2	K	S01	
10	U218	3	K	S01	
11	U219	6	K	S01	
12	U220	1	M	S02*	
13	U222	2	K	S01	
14	U225	1	K	S01	
15	U226	150	K	S01	
16	U227	160	K	S01	
17	U228	250	K	S01	
18	U239	2	M	S02*	
19	U246	100	K	S01	
20					
21					
22					
23					
24					
25					
26					

*Presently stored in containers, upon completion of the proposed modifications will be stored in the waste flammable solvents tank.

CONTINUE ON R

EPA I.D. NUMBER (enter from page 1)

W N J D 0 0 4 3 6 2 0 5

FOR OFFICIAL USE ONLY

W DUP 2 DUP

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	D 0 0 1	200	M	S 0 2 *	
2	D 0 0 2	15	M	S 0 1	
3	D 0 0 3	200	K	S 0 1	
4	D 0 0 4	100	K	S 0 1	
5	D 0 0 5	2	M	S 0 1	
6	D 0 0 8	1	M	S 0 1	
7	D 0 0 9	3	M	S 0 1	
8	D 0 1 1	1	M	S 0 1	
9					
10	F 0 0 1	1	M	S 0 1	
11	F 0 0 2	15	M	S 0 1	
12	F 0 0 3	500	K	S 0 1	
13	F 0 0 5	1	M	S 0 1	
14					
15	X 7 2 2	10	M	S 0 1	
16	X 7 2 6	200	K	S 0 1	
17	X 8 5 0	2	M	S 0 1	
18	X 9 0 0	8	M	S 0 1	
19	X 9 0 5	10	K	S 0 1	
20	X 9 1 0	5	M	S 0 1	
21	X 9 4 0	15	M	S 0 1	
22					
23					
24					
25					
26					

*Presently stored in containers, upon completion of the proposed modifications will be stored in the waste flammable solvents tank.

CONTINUE ON RI

IV. DESCRIPTION OF HAZARDOUS WASTES *(continued)*

E. USE THIS SPACE TO LIST AD[illegible]L PROCESS CODES FROM ITEM D(1[illegible]E 3.

EPA I.D. NO. *(enter from page 1)*

F	N	J	D	0	0	4	3	6	2	0	5	9		6

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility *(see instructions for more detail)*.

VI. PHOTOGRAPHS

All existing facilities must include photographs *(aerial or ground–level)* that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas *(see instructions for more detail)*.

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE *(degrees, minutes, & seconds)*	LONGITUDE *(degrees, minutes, & seconds)*
40 57	74 07 30

VIII. FACILITY OWNER

☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER	2. PHONE NO. *(area code & no.)*
E	

3. STREET OR P.O. BOX	4. CITY OR TOWN	5. ST.	6. ZIP CODE
F	G		

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME *(print or type)*	B. SIGNATURE	C. DATE SIGNED
David H. Cassidy, V.P. and General Manager	David H. Cassidy	12/20/85

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME *(print or type)*	B. SIGNATURE	C. DATE SIGNED
David H. Cassidy, V.P. and General Manager	David H. Cassidy	12/20/85

Date: December 23, 1985
Revision No.: 0
B

SECTION B

FACILITY DESCRIPTION

B-1 Background (NJAC 7:26-12.2(e)(1))

Fisher Scientific Company's Chemical Division is located in the Borough of Fair Lawn, Bergen County, New Jersey (see Figure B-1). The mailing address is:

Fisher Scientific Company
1 Reagent Lane
Fair Lawn, New Jersey 07410

The plant occupies approximately 10-acres and includes five major buildings (see Figure B-2). Fisher Scientific Company (Fisher) has operated the facility since 1955.

The Chemical Division is a repackaging, formulating, purifying, and warehousing facility for fine industrial, diagnostic, and drug chemical products. Materials are purchased in bulk quantities according to stringent quality specifications, and are subsequently assayed for comparison with internal and worldwide recognized standards. The repackaging, formulating, or purifying of materials is conducted in accordance with applicable standards that meet company, industry, and government regulations. Finished product that has been formulated or purified in-house is thoroughly tested using company, industry, and government procedures for purity and quality. Prior to packaging, hazardous wastes may be generated in the following ways:

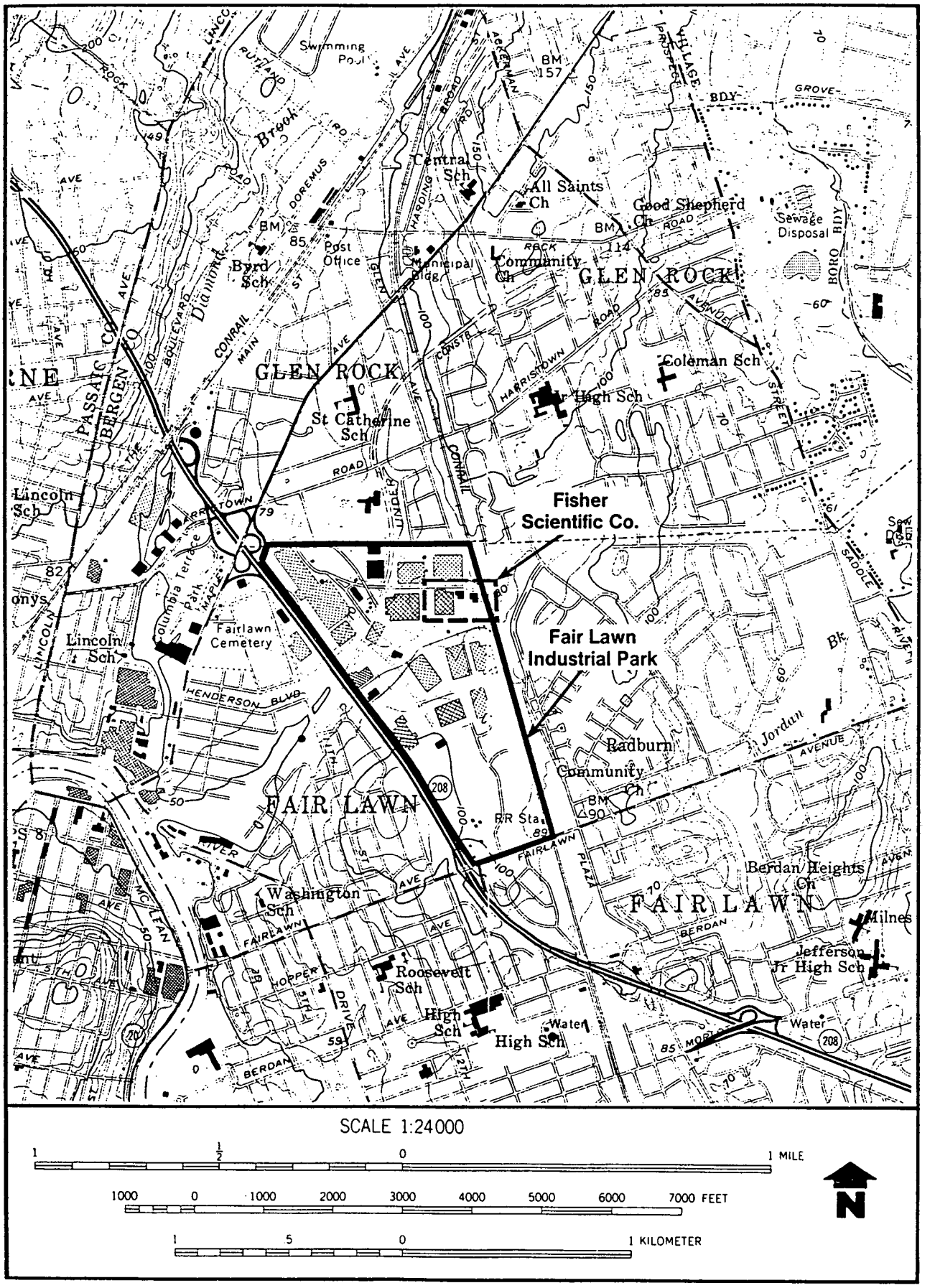

FIGURE B-1 LOCATION MAP

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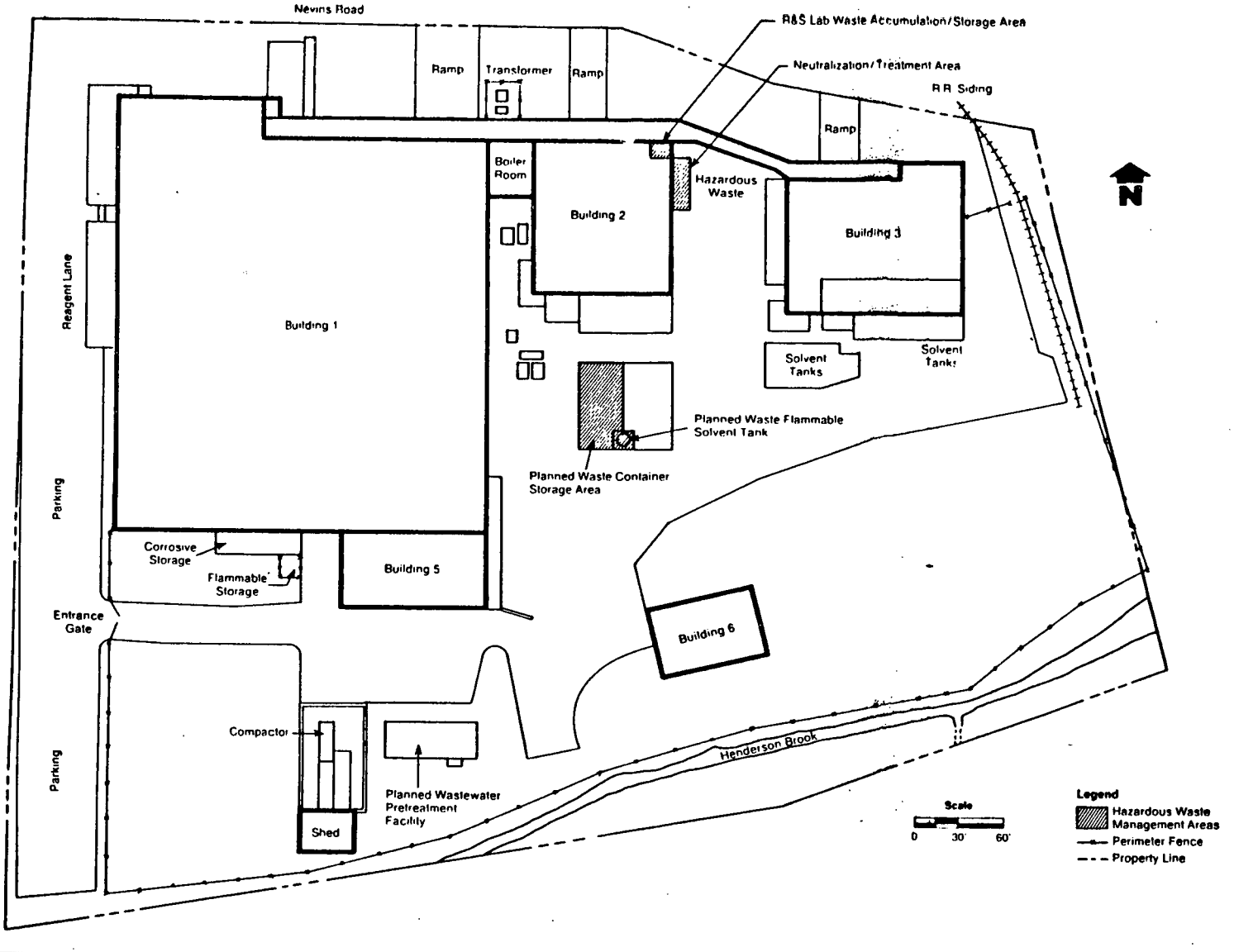

FIGURE B-2 FACILITY PLAN

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- Flushings from packaging lines applied to ensure the purity of the material being packaged.

- Unused portions of test samples from the Quality Control Laboratory.

- Accumulation of out of specification material.

- Discarded labeled quality control samples retained for quality checks.

- Filters from packaging lines.

- Reagents from the analytical laboratory that are used for testing.

- Empty bulk raw material containers (i.e., bags, drums, bottles, etc.).

- Expired stock.

The Fair Lawn facility can also receive returned goods from the company's product distribution facilities for recycling into finished products. If the returned goods have hazardous characteristics (or constituents) and are not reworkable, they are declared hazardous wastes. On rare occasions, Fisher facilities may send hazardous wastes to Fair Lawn with prior approval. A returned goods form must be submitted to and approved by the

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Fair Lawn reclamation supervisor before such off-site hazardous wastes can be shipped to the Fair Lawn facility. These hazardous wastes may be treated or stored on-site until they are shipped for final disposal at a licensed hazardous waste management facility. Hazardous waste treatment, such as elementary acid-base neutralization, is performed on-site in tanks prior to discharge to the publicly-owned treatment works (POTW). Wastes are stored on-site in 55-gallon drums and smaller containers. Hazardous wastes are not disposed of on-site.

This Part B application includes the existing hazardous waste operations, as well as modifications that are planned for 1986 or 1987 after regulatory approval. These modifications include the addition of a 6,000-gallon waste flammable solvent tank and modification of the existing outdoor container storage area to include a concrete base and dikes with a roof covering.

The contact and party responsible for hazardous waste management at the Fair Lawn facility is:

Jay Young
Manager, Environmental Affairs
201-796-7100

Surface waters: The only nearby surface-water body, Henderson Brook, is shown on the drawings. Henderson Brook flows into the Passaic River approximately 1.3 miles downstream of the facility.

Hazardous waste management facility boundary: The hazardous waste management areas include the R&S Laboratory, container accumulation/storage room, the neutralization/treatment tanks, the outdoor container storage area, and the planned waste flammable solvents tank. The hazardous waste management area boundaries are indicated on the drawings.

Wind rose: Figure B-3 is an annual wind rose of composite meteorological data collected from 1948 to 1978 at the Newark Airport in Newark, New Jersey, which is located approximately 18 miles from the Fair Lawn facility.

Access control: Access is controlled by a combination of 24-hour security and surveillance of entry points, a perimeter fence, and warning signs. Contractors and visitors entering the plant must sign in on a log sheet, wear visitor identification passes, and be escorted through the facility. Access control is discussed in detail in Subsection F-1.

Land uses: The land uses for the surrounding areas are illustrated in Figure B-4.

Injection and withdrawal wells: The site has no injection wells. The groundwater withdrawal wells on the site and surrounding area are shown on the drawings listed previously.

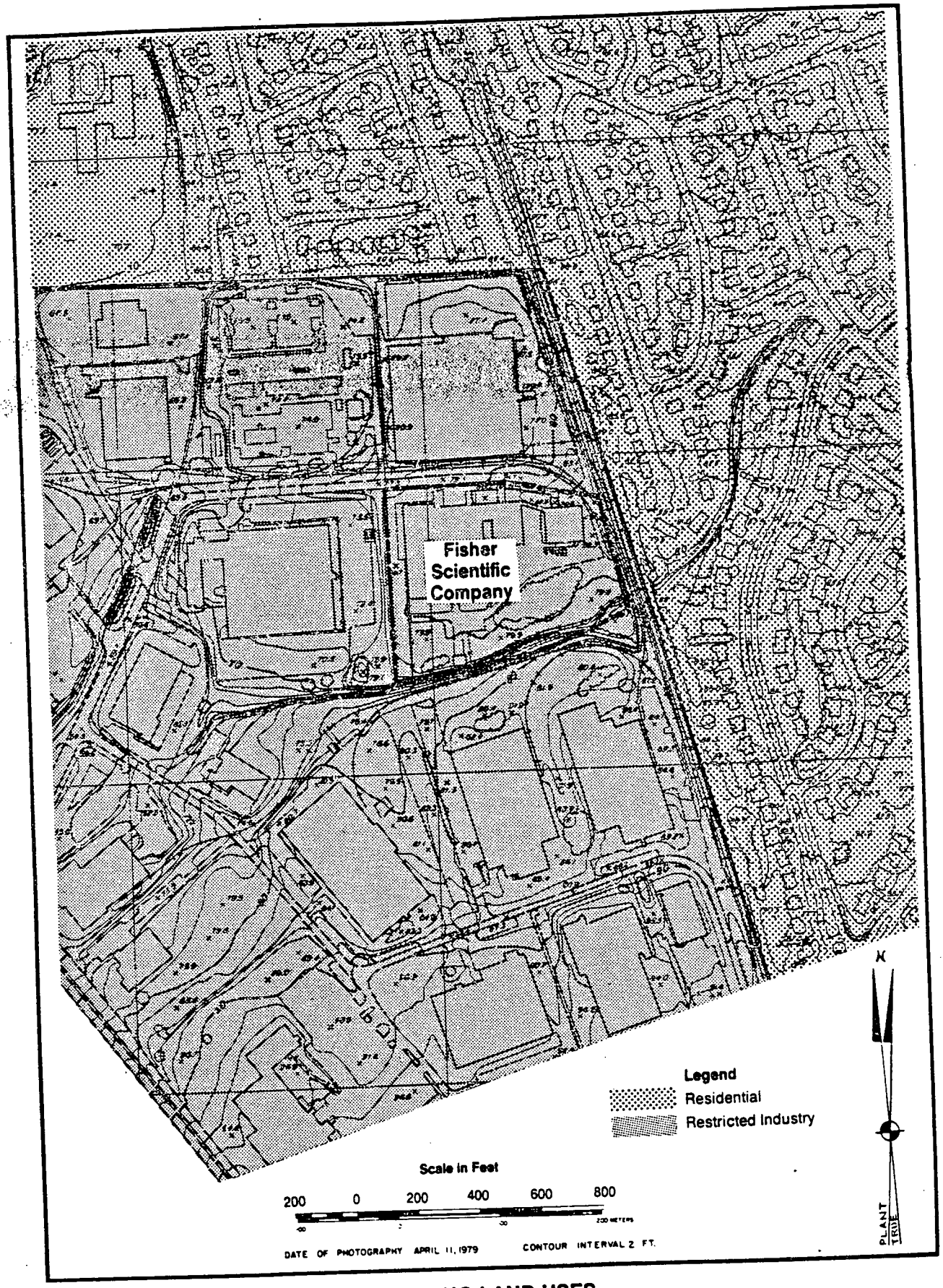

**FIGURE B-4 SURROUNDING LAND USES
FISHER SCIENTIFIC CO., FAIR LAWN, NEW JERSEY**

Buildings; treatment and storage; other structures: The buildings and structures are shown on each drawing referenced previously. Additional drawings showing greater detail of treatment and storage areas are presented in Section D.

Recreation areas: There are no known recreation areas within 1,000 feet of the site.

Storm sewer system and runoff control: Drawing 102 shows the storm sewer system for the planned facility. Runoff from hazardous waste management areas will be controlled by the secondary containment structures. The indoor storage/accumulation area in the R&S Laboratory does not receive runon or incident precipitation. The neutralization/treatment area and outdoor container storage area is to be modified to include roofing, ramps and dikes, and collection sumps to provide secondary containment and to prevent runon and runoff. Runoff control is discussed in further detail in Subsection F-4b.

Sanitary sewers: The sanitary sewers are shown on Drawing 102. Wastewater from the facility is discharged to the Passaic Valley Regional Sewer Authority.

Vehicle access: Drawings 101 and 102 show the vehicle access roads within the facility.

Seismic standard: The facility is located within the Borough of Fair Lawn, Bergen County, New Jersey, and is not listed in Appendix VI of 40 CFR 264, therefore, this standard is not applicable per 40 CFR 270.14(b)(11)(i).

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Loading areas: Hazardous waste is loaded onto transporter trucks adjacent to the container storage area and the planned waste flammable solvents tank. The palletized container waste is loaded onto transport/disposal contractor trucks. The contents of the waste flammable solvents tank will be transferred into a vacuum tank truck for off-site transport and disposal. Loading area procedures to prevent hazards are described in detail in Section F.

B-3 Flood Plain Standard (NJAC 7:26-12.2(e)15)

The topographic maps show the extent of the 100-year flood plain of Henderson Brook. The hazardous waste management units at Fisher are not located in the 100-year flood plain.

B-4 Traffic Patterns (NJAC 7:26-12.2(e)22)

The Fisher Fair Lawn facility is located in an industrial park, which provides easy access from State Highway 208 and Fair Lawn Avenue.

Primary access to Fisher for hazardous waste transport vehicles is from New Jersey Highway 208, right onto McBride Avenue, right onto Nevins Road, and right onto Reagent Lane (a private Fisher access road). Hazardous waste transport vehicles enter the facility through the Reagent Lane entrance, and proceed to the container and tank storage areas for loading.

Approximately one truck per month enters the facility for hazardous waste removal, which has a negligible impact on traffic flow in the area.

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Traffic control: Traffic is controlled by directional and stop signs within the plant site. The plant speed limit is 10 mph.

Access road surfacing: All roads on the plant site are constructed of 5 inches of asphalt over a compacted base.

Load-bearing capacity: Roads within the industrial park are designed to support industrial traffic with loads up to the legal state and Federal limits. All roads on the plant site are capable of bearing trucks with a maximum load capacity of 80,000 pounds. Tank trucks used to remove materials from the waste flammable solvents tank will have a maximum weight of about 70,000 pounds, and the trucks used to remove drummed materials will have a maximum weight of about 65,000 pounds.

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SECTION C

WASTE CHARACTERISTICS AND ANALYSIS PLAN

This section describes the chemical and physical nature of the hazardous wastes managed at the Fisher Scientific Company (Fisher) Fair Lawn facility. It also includes the Waste Analysis Plan for sampling, testing, and evaluating the hazardous wastes to ensure that sufficient information is available for their safe handling, storage, treatment, and/or off-site disposal. The information submitted is in accordance with the requirements of NJAC 7:26-12.2(e)(2) and (4).

C-1 Chemical and Physical Analyses (NJAC 7:26-12.2(e)2)

As a supplier of a wide variety of fine industrial, diagnostic, and drug chemical products, Fisher can generate a wide variety of waste materials. Most of these wastes are pure chemical compounds or mixtures that are product-related. These wastes are generated in the following ways:

- Flushings from packaging lines and tank rinses (to ensure the purity of the material being packaged).
- Unused portions of product test samples from the Quality Control Laboratory.
- Accumulation of off-specification material.
- Discarded labeled quality control samples retained to confirm product quality.

- Filters from packaging lines.
- Discarded reagents from the analytical laboratory that have been used for testing.
- Empty bulk raw material containers (i.e., bags, drums, bottles, etc.).
- Expired stock.

The off-specification/expired product wastes handled at the facility are Fisher products that were manufactured at Fair Lawn. These products are identified while in storage at Fair Lawn or returned to Fair Lawn from Fisher's product distribution centers. These returned chemicals may have been unsold beyond their quality control expiration date, or may otherwise be outside quality control specifications. These products are typically evaluated and tested for potential resale after reprocessing or relabeling. In other cases, the evaluation of market needs or chemical properties indicates that the material is no longer useful as a product. At this point, a returned chemical is declared to be a waste and is managed as a hazardous waste (if it exhibits hazardous characteristics or contains listed hazardous wastes). The composition of these wastes are clearly identified by product labeling, which typically provides adequate data to properly handle, store, ship, and dispose of the wastes.

Wastes generated during purification and packaging are containerized and labeled based on a knowledge of which product was being purified or packaged. Line flushings and filters are containerized and labeled based on knowledge of the rinsing fluid and the material transported through the line.

The Fair Lawn facility also accepts hazardous wastes from other Fisher locations when those facilities cannot manage the waste themselves. Such occurrences are infrequent in nature. If a returned product is clearly unrecoverable due to adulteration or spillage at the off-site facility, the material is managed as a hazardous waste (if it exhibits hazardous characteristics or contains listed hazardous wastes). In some cases the Fair Lawn facility can more effectively manage the waste by neutralization/treatment or through its extensive experience with procuring appropriate disposal services. Under these circumstances, Fair Lawn will accept wastes from product distribution centers. All wastes transported to the facility must have prior approval (via a returned goods form) and be correctly identified and manifested before being accepted at Fair Lawn.

The wastes managed at Fisher more closely resemble chemical products than typical hazardous wastes. One waste stream that is an exception is waste carbon from methanol purification, and yet, even for this waste, the principal hazard characteristic (flammability) is that of the product methanol.

The chemical and physical nature of typical wastes managed at Fisher are presented in Table C-1. Table C-2 provides the required information regarding description, hazard characteristics, basis for hazard designation, and EPA hazardous waste code for typical wastes that have been managed at the Fair Lawn facility. Appendix C.1 provides a more comprehensive list of current Fisher products that are potential wastes. It includes the internal handling code, NJDEP waste code, alternate NJDEP waste code for shipment of lab packs and other waste groupings, and the hazard characteristics (toxic, corrosive, etc.). Appendix C.4 gives examples of the Material Safety Data Sheets maintained at the site at all times.

C-2 Waste Analysis Plan (NJAC 7:26-12.2(e)4,9.4(b))

C-2a Parameters and Rationale for Selection

The objective of the Waste Analysis Plan is to properly identify and characterize wastes for the following purposes:

- To establish compatibility groups to prevent mixing of incompatible wastes.
- Determine if wastes are hazardous as defined by or listed in regulations promulgated by the State of New Jersey in implementing the Resource Conservation and Recovery Act (RCRA).
- To determine completion of waste neutralization and treatment processes.

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(609)633-1408

State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF HAZARDOUS WASTE MANAGEMENT

Michele M. Putnam
Deputy Director
Hazardous Waste Operations

John J. Trela, Ph.D., Director

Lance R. Miller
Deputy Director
Responsible Party Remedial Action

RECEIVED
APR 10 1989

Hazardous Waste Facility Permit

Under the provisions of N.J.S.A. 13;1E-1 et seq. known as the Solid Waste Management Act, this permit is hereby issued to:

Fisher Scientific Company
1 Reagent Lane
Fair Lawn, New Jersey 07410

For the Purpose of Operating a:	Hazardous Waste Storage and Treatment Facility
on Lot No.:	1
Block No.:	4902
in the Municipality of:	Fair Lawn
County:	Bergen
Under the Facility Permit No.:	0217B1

This permit is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection,

This permit shall not prejudice any claim the State may have to Riparian land nor does it permit the registrant to fill or alter, or allow to be filled or altered, in any way, lands that deemed to be Riparian, Wetlands, stream encroachment or flood plains, or within the Coastal Area Facility Review Act (CAFRA) zone or allow the discharge of pollutants to waters of this State without first acquiring the necessary grants, permits, or approvals from the Department of Environmental Protection or the U. S. Environmental Protection Agency.

March 31, 1989
Date

Frank Coolick, Assistant Director
Hazardous Waste Regulation Element

March 31, 1994
Expiration Date

Scope of Permit

1) Fisher stores up to 412 x 55-gallon drums outdoors plus 18 x 55-gallon drums indoors of hazardous wastes, however, Fisher proposes to install a 6,000 gallon hazardous waste solvent tank that would reduce their outdoor permitted volume to 320 x 55-gallon drums. The wastes are generated in their fine chemical subdividing and packaging operations at the site, plus authorized wastes (per Section II, Condition 3) manifested to the site as hazardous wastes from other Fisher distributors. Most of these wastes are manifested offsite to authorized facilities for disposal.

   Fisher treats small quantities of company-generated hazardous wastes in an existing 500 gallon tank and in an existing 100 gallon tank for discharge to the sewer by the following processes: neutralization, oxidation of cyanide solutions of less than 1% concentration, reduction of halogen solutions, and decomposition of sodium azide.

   This permit was prepared to regulate the management of the storage and treatment operations of the wastes generated on-site and wastes manifested to the site.

2) Fisher generates hazardous wastes during the process of formulation, purifying and packaging a broad variety of pure chemicals in small containers. Most wastes are stored outdoors on the Hazardous Waste Container Storage Area. Especially reactive wastes including all wastes which react with water are stored indoors in the Reclamation and Salvage Laboratory.

   Wastes are stored in drums of various sizes and fabricated of materials compatible with the waste to be stored. The largest such drum is 55-gallons capacity.

   Fisher proposes a 6,000-gallon hazardous waste solvent tank to replace a part of the present outdoor storage in drums. This installation will require approval of the final plans by the Department.

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Section II

Specific Conditions Applicable to Hazardous Waste Facility Permits

The permit is conditioned upon compliance with and implementation of the following:

1) Referenced Permit Application Documents

a) The permittee shall operate the facility, and construct or install associated appurtenances thereto, in accordance with the hazardous waste management provisions of Title 7, Chapter 26 of the New Jersey Administrative Code, the conditions of this permit, and the following permit application documents:

1) Fisher Scientific Company revised Part A and Part B permit application certified by David H. Cassidy, Vice President and General Manager, Fisher Scientific Company, April 3, 1987.

2) Drawings 100, 101, 103, 105, 106, 111, 112, 113, and 114, all prepared by Roy F. Weston, Inc., West Chester, Pennsylvania and signed and sealed by William Hogeland, P.E., December 23, 1985.

3) Preliminary drawing 1-223-D, issue B dated 12-24-87, which describes a proposed hazardous waste solvent tank, new hazardous waste drum storage area and shed roof. This preliminary drawing shall be replaced with a full set of construction drawings addressing the hazardous waste storage facilities. These drawings shall be signed and sealed by a registered professional engineer in accordance with the schedule contained in Condition 7.

In case of conflict, the hazardous waste management provisions of Title 7, Chapter 26 of the New Jersey Administrative Code shall have precedence over the conditions of this permit, and the conditions of this permit shall have precedence over the permit application documents listed above.

b) One complete set of the permit application documents listed in Condition 1(a) above, this Hazardous Waste Facility Permit, and all records, reports and plans as may be required pursuant to this permit shall be kept on-site and shall be available for inspection by authorized representatives of the Department upon presentation of credentials. The records, reports and plans required pursuant to this permit include the following:

1) The Preparedness and Prevention Plan required by Condition 13 of Section I of this permit and N.J.A.C. 7:26-9.6.

2) The Personnel Training Plan and records required by Condition 14 of Section I of this permit and N.J.A.C. 7:26-9.4(g).

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3) Copies of the financial documents and closure cost estimate required by Condition 15 of Section I of this permit and N.J.A.C. 7:26-9.10 and N.J.A.C. 7:26-9.13.

4) The written Operating Record required by Condition 16 of Section I of this permit and N.J.A.C. 7:26-9.4(i).

5) The Contingency Plan required by Condition 20 of Section I of this permit and N.J.A.C. 7:26-9.7, and specifically the plan prepared by Weston Consultants dated December 23, 1985.

6) The Waste Analysis Plan outlined in Condition 4 of Section II of this permit and as required by N.J.A.C. 7:26-9.4(b), and specifically the plan prepared by Weston Consultants dated December 23, 1985.

7) The Inspection Requirements required by Condition 5 of Section II of this permit and N.J.A.C. 7:26-9.4(f) and N.J.A.C. 7:26-10.

8) The Closure Plan required by Condition 6 of Section II of this permit and N.J.A.C. 7:26-9.8 and N.J.A.C. 7:26-10 and specifically the plan prepared by Weston Consultants, and dated December 23, 1985.

2) Authorized Activities

a) Existing Hazardous Waste Drum Storage Outdoors

The permittee is authorized to store on-site generated hazardous waste and hazardous wastes authorized in Section II, Condition 3 manifested to the site as hazardous wastes from other Fisher locations, in USDOT approved drums of fifty-five (55) gallons or less for a period of one hundred eighty (180) days or less on the Hazardous Waste Container Storage Area shown on Drawing 101 and Drawing 103 referenced in Condition 1 of this permit.

Description	Permitted Capacity
Existing Hazardous Waste Container Storage Area (56'-0"L X 41'0" X W X 6"H)	22,660 gallons of liquids (412 X 55 gal. containers)

The permittee shall before discharging sample and test the collected liquid from the catch basins for suitability for discharge to the sanitary sewer according to the requirements of the publicly owned treatment works (POTW). The liquid shall then be treated and/or released to the POTW or pumped into fifty-five (55) gallon containers and stored on site for subsequent disposal at a permitted hazardous waste disposal facility.

The base shall be maintained free of cracks and gaps and shall be sufficiently impervious to contain leaks, spills, and accumulated

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rainfall until the contaminated liquids are detected and removed. The base shall have a permeability rating of no greater than 10^{-7} centimeters per second (cm/sec), in addition to adequate structural integrity to withstand the maximum anticipated stress applied to the base due to activities or structures placed in the containment area. The thickness of the base shall be maintained at a minimum of six (6) inches.

Spilled or leaked hazardous wastes shall be removed from trenches, sumps or collection areas daily.

b) Proposed Hazardous Waste Drum Storage Outdoors

A hazardous waste drum storage area is proposed to be constructed, subject to Section II, Condition 7 of this permit and the approval of the Department. Furthermore, installation of a proposed hazardous waste solvent tank shall reduce the existing hazardous waste drum storage area's permitted volume to ten thousand five hundred sixty (10,560).

Description	Permitted Capacity
Proposed Hazardous Waste Container Storage Area (55'-4"L X 31'-0"W X 6"H)	10,560 gallons of liquid (192 X 55 gal. containers or various DOT approved containers)

The base and concrete dike shall be maintained free of cracks and gaps and shall be sufficiently impervious to contain leaks, and spills, and fire sprinkler spray until the contaminated liquids are detected and removed. The base shall have a permeability rating no greater than 10^{-7} centimeters per second, in addition to adequate structural integrity to withstand the maximum anticipated stress applied to the base due to activities or structures placed in the containment area. The thickness of the base shall be maintained at a minimum of six (6) inches.

Spilled or leaked hazardous waste shall be removed from trenches, sumps or collection areas daily.

c) Drum and Container Storage in the Reclamation and Salvage (R&S) Laboratory

The permittee is authorized to store on-site generated hazardous waste and hazardous wastes authorized in Section II, Condition 3 products manifested to the site as hazardous wastes from other Fisher distributors for a period of one hundred eighty (180) days or less. The R&S laboratory is shown on Drawing 100 and referenced in Condition 1.

Description	Permitted Capacity
R&S Laboratory	990 gallons of liquid

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Accumulation/Storage Room (18'-4"L X 23'-4"W X 6"H)	(18 x 55 gal. containers or various DOT approved containers)

The base and concrete dike shall be maintained free of cracks and gaps and shall be sufficiently impervious to contain leaks, and spills, and fire sprinkler spray until the contaminated liquids are detected and removed. The base shall have a permeability rating no greater than 10^{-7} centimeters per second, in addition to adequate structural integrity to withstand the maximum anticipated stress applied to the base due to activities or structures placed in the containment area. The thickness of the base shall be maintained at a minimum of six (6) inches.

Spilled or leaked hazardous waste shall be removed from trenches, sumps or collection areas daily.

d) All hazardous waste shall be stored in containers that meet the requirements of N.J.A.C. 7:26-7.2 and managed in accordance with N.J.A.C. 7:26-9.4(d).

e) Lab Packs

The permittee is authorized to pack closed hazardous waste lab packs into various DOT approved containers in the R&D Laboratory, segregated into compatible groups in accordance with EPA 600/2-80-076 and the scheme given below. All containers shall be placed on pallets. The lab packs shall be packaged with a compatible, absorbent material such as vermiculite or sawdust, in sealed DOT approved containers packaged by personnel experienced in the identification, segregation and packaging of laboratory chemicals.

Material	Contents of Container
Heavy metals	Lead, mercury, barium, zinc, copper, nickel, manganese, and other heavy metals. Does not include nitrates or organic heavy metals.
Heavy metal nitrates	Nitrate salts of above heavy metals.
Heavy metal organics	Organic compounds of heavy metals.
Pseudometals	Arsenic, antimony, bismuth, etc. Does not include nitrates or organics.

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Pseudometal nitrates	Nitrate salts of above pseudometals.
Pseudometal organics	Organic compounds of pseudometals.
Cyanides	All cyanides, 20 pounds/drum maximum.
Chromates and permanganates	Sodium and potassium dichromate, chromic acid, potassium permanganate.
Reactives	Peroxide, sodium metal, potassium metal, etc. Explosives and other flammable solids are to be handled by outside vendors. Packaging requirements are set by the disposer. Do not package more than 50 pounds of reactive materials per drum.
Organics	Organic compounds by DOT class.
Bromine	By itself.
Poisons	By DOT regulations.
Acids	Fuming sulfuric acid, hydrofluoric acid, cleaning solution.
Caustics	Only caustic materials contaminated in such a way as to be untreatable at Fair Lawn.
Scrap bags	All scrap bags that cannot be cleaned properly, by DOT class.

f) Proposed Hazardous Waste Solvent Tank

1) A six thousand (6000)-gallon hazardous waste solvent tank is proposed to be installed, subject to Section II, Condition 7 of this permit and the approval of the Department.

The planned hazardous waste solvent storage tank shall have sufficient shell strength and pressure controls to assure that it does not collapse or rupture. A minimum shell thickness of 0.167 in., bottom thickness of 0.240 in. and a

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top thickness of 0.123 in. shall be maintained during the life of the tank.

2) The permittee shall comply with the following for tank shell thickness measurements:

i) Submit a test plan for measuring tank shell thickness, within sixty (60) days of the effective date of this permit;

ii) Submit again a test plan for measuring tank shell thickness, within thirty six (36) months of the effective date of this permit;

iii) Perform the tests for tank shell thicknesses within nine (9) months after approval of testing plans by the Department; and

iv) Submit results of the tests for tank shell thickness within thirty (30) days after each testing date.

v) In the event the results of th tests for tank shell thickness indicate a shell thickness less than the minimum shell thickness specified in Condition 19(e)2 and, the permit shall comply with the following:

(1) Provide immediately oral and written notification to the Department of the tank failing the minimum shell thickness;

(2) Remove all hazardous waste from the tank to a permitted tank which meets the minimum shell thickness requirements;

(3) Refrain from adding any hazardous waste to the tank;

(4) Submit a corrective plan to the Department, within thirty (30) days from the date of oral notification, for the Department's review and written approval; and

(5) The company shall not use or close the tank without obtaining written approval from the Department.

g) Treatment of Hazardous Waste

The permittee is authorized to treat water solutions of hazardous waste in batch lots in the five hundred (500) gallon glass-lined tank T201 and the one hundred (100) gallon glass-lined tank T202 outside the east wall of Building 2 and shown on Drawing 105 referenced in Section II, Condition 1, as follows:

1) Neutralization of acid and alkaline solutions to a pH value between 5 and 9.

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2) Oxidation of cyanide solutions of less than 1% concentration at an alkaline pH, 7.0 to 9.5, until nitrogen and carbon dioxide gases are evolved, only in tank T201.

3) Reduction of halogen solutions with sodium thiosulfate, followed by tests for residual halogen until none is noted; neutralization to pH 5 to 9, only in tank T201.

4) Decomposition of sodium azide with ceric ammonium nitrate to produce nitrogen gas and nontoxic nitrates, only in tank T201.

Procedures shall be in accordance with Appendix D.4 of the Part B permit application referenced in Section II, Condition 1. Treated solutions shall be discharged to the sanitary sewer according to the requirements of the publicly owned treatment works -POTW (Passic Valley Sewage Commission) and then each tank shall be rinsed with water after each use.

h) Interim Drum Storage Activity During Construction of New Areas

During the period of construction on the planned new hazardous waste storage area, the planned shed roof structure and the planned hazardous waste tanks (Section II, Condition 7), the permittee shall manage containerized hazardous waste in accordance with the following:

1) The permittee shall handle hazardous waste in accordance with the provisions of N.J.A.C. 7:26-9.3 "Accumulation of Hazardous Waste for 90 Days or Less", which include the requirements:

i) All on-site generated waste shall be, within 90 days or less, shipped off-site to an authorized facility.

ii) The waste shall be placed in containers which meet the standards of N.J.A.C. 7:26-7.2 and shall be managed in accordance with N.J.A.C. 7:26-9.4(d).

iii) The date upon which each period of accumulation begins shall be clearly marked and visible for inspection on each container. While being accumulated on-site, each container shall be clearly labeled or marked with the words "Hazardous Waste" and labeled in accordance with 49 CFR 172.304.

iv) The permittee shall comply with the requirements for owners and operators of N.J.A.C. 7:26-9.6 and 9.7 concerning preparedness and prevention, contingency plans and emergency procedures as well as N.J.A.C. 7:26-9.4(g) concerning personnel training.

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2) The permittee may temporarily accumulate drums immediately outside of the Reclamation and Salvage laboratory between buildings 2 and 3.

3) The permittee shall not accept hazardous waste authorized in Section II, Condition 3 from other Fisher locations.

4) The permittee shall store all drums containing hazardous waste on paved areas.

i) Any changes or alterations to this authorized activity section must obtain prior approval from the Bureau of Hazardous Waste Engineering.

3) Authorized Wastes

a) The permittee is authorized to store on-site generated hazardous wastes from the following sources:

1) Flushing of equipment and packaging lines to assure the purity of the material being processed or packaged (liquids).

2) Unused portions of test samples from the quality control laboratory (liquids and solids).

3) Accumulation of out-of specification material (liquids and solids).

4) Labeled retention samples (liquids and solids).

5) Filters from packing lines (solids).

6) Reagents from analytical lab that are used for testing (liquids and solids).

7) Products in damaged packages (liquids and solids).

8) Spilled products (liquids and solids).

9) Waste carbon from methanol purification.

10) Condensed steam from carbon regeneration of the stack scrubber (liquid).

11) Top and bottom ends from distillation processes.

12) General maintenance and housekeeping wastes.

b) The permittee is authorized to accept hazardous wastes from offsite only under the following conditions:

1) Returned goods shall be only from other Fisher locations and shall be Fisher Products or residuals from minor spill cleanups from other Fisher locations.

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2) Fisher branches returning goods to the facility shall have EPA Identification numbers.

3) Returned goods shall be manifested and handled by qualified hazardous waste haulers.

4) Containers shall not be larger than 55-gallon drums.

c) The permittee is authorized to store the following hazardous waste types in the Hazardous Waste Container Storage Area and in the R&S Laboratory:

NJDEP Number	Description
D001	Ignitable contaminated pure materials not otherwise listed
D002	Corrosive, not otherwise listed
D004 to D011	EP toxic metals
F001	Spent Halogenated Solvents used in degreasing
F002	Spent Halogenated Solvents
F003	Spent Non-Halogenated Solvents
F004	Spent Non-Halogenated Solvents
F005	Spent Non-Halogenated Solvents
X722	Waste oil and bottom sludge generated from tank cleanouts from residential/commercial fuel oil tanks.
X726	The following used and unused waste oils; metal working oils; turbine lubricating oils; diesel lubricating oils; and quenching oils.
C121	Antimony and Compounds, NOS
C143	Beryllium and Compounds, NOS
C334	Nickel and Compounds, NOS
C337	Nicotine and salts
C401	Selenium and Compounds, NOS
C404	Silver and Compounds, NOS
C421	Thallium and Compounds, NOS

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C439	1,2,4-Trichlorobenzene
All P-numbers	All acute hazardous wastes listed in N.J.A.C. 7:26-8.15(e).
All U-numbers	All commercial chemical products or manufacturing chemical intermediates listed in N.J.A.C. 7:26-8.15(f).

The permittee is authorized to store the following hazardous wastes identified by NJDEP number D003, Reactive, in the R&S Laboratory only:

Aluminum chloride
Ammonium bisulfite solution
Ammonium sulfide
Benzoyl chloride
Benzoyl peroxide
Metallic calcium
Cesium
Lithium
Potassium
Sodium
Calcium hydride
Calcium sulfide
Chlorosulfonic acid
Ferrous sulfide
Methane sulfonic acid
Methyl magnesium chloride in THF
Oxalyl chloride
Phosphorus oxychloride
Phosphorus pentachloride
Phosphorus pentoxide
Phosphorous trichloride
Picric acid solution
Potassium borohydride
Potassium sulfide
Sodium amide
Sodium borohydride
Sodium hydrosulfide
Sodium methylate
Sodium peroxide

e) The permittee is authorized to perform the treatments described in Condition 14(h) for the following hazardous wastes:

Treatment	Hazardous Waste Number	Description
neutralization	D002	acids and alkalis
oxidation of cyanides	C190	cyanides (soluble salts and complexes) NOS;

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reduction of halogen solutions	D002	sodium hypochlorite
oxidation of formaldehyde	U122	formaldehyde
decomposition of sodium azide	P105	sodium azide

f) The permittee will be permitted to store the following ignitable, nonhalogenated waste solvents in the waste solvent tank after it is installed and approved by the Department.

NJHW NUMBER	NAME
P005	Allyl Alcohol
U002	Acetone
U003	Acetonitrile
U004	Acetophenone
U031	N-butyl Alcohol
U056	Cyclohexane
U057	Cyclohexanone
U088	Diethylphthalate
U092	Dimethylamine
U102	Dimethylphthalate
U108	1,4-Dioxane
U112	Ethyl Acetate
U117	Ethel Ether
U140	Isobutyl Alcohol
U154	Methanol
U159	Methyl Ethyl Ketone
U161	Methyl Isobutyl Ketone
U188	Phenol
U196	Pyridine
U213	Tetrahydrofuran
U220	Toluene
U239	Xylene
D001	Benzyl Alcohol

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D001	Benzyl Acetate
D001	Butyl Cellusolve
D001	Butyl Chloride
D001	Carbon Decoloring Agents
D001	Cedarwood Oil
D001	Diethylamine
D001	Dinitrobenzene
D001	Ethyl Alcohol
D001	Ethylene Diamine
D001	Formamide
D001	Glutaraldehyde
D001	Heating Oil
D001	Heptane
D001	Hexane
D001	Isopropyl Alcohol
D001	Kerosene
D001	Methyl Cellosolve
D001	Methyl Ketone
D001	Methyl-tert-butyl-ether
D001	Mineral Oil
D001	Pentane
D001	Petroleum Ether
D001	Pseudocumene

g) The permittee is authorized to store the following wastes not meeting the criteria of hazardous waste under N.J.A.C. 7:26-8.1:

X900	Chemical Process-Liquid, NOS
X905	Chemical Process-Gas, NOS
X910	Chemical Process-Solid, NOS

4) Waste Analysis and Quality Assurance Requirements

a) Testing is not required for wastes from pure materials of known composition stored in clean, dedicated drums and not mixed with any other material. Such wastes may be characterized by the permittee's knowledge of the properties of the initial pure chemical and the circumstance by which the waste was generated.

b) Wastes of unknown composition shall be sampled and tested in accordance with Section C of the Part B permit application

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Movement of Volatile Organics Through a Fractured Rock Aquifer

by Steven E. Spayd

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Movement of Volatile Organics Through a Fractured Rock Aquifer

by Steven E. Spayd[a]

ABSTRACT

In response to the detection of contaminants in several municipal water supply wells in a northern New Jersey community, the New Jersey Department of Environmental Protection (NJDEP) undertook a detailed assessment of the movement of volatile organics through the Brunswick fractured rock aquifer. Understanding the directional or anisotropic behavior of ground-water flow within the aquifer proved to be a crucial factor for identification of the sources of contamination. Since the ground-water flow occurs in a direction predominantly parallel to the strike of the aquifer, the resulting distribution of contaminants allowed the differentiation of two overlapping plumes, each over 4,000 feet in length and each emerging from discrete adjacent sources.

The investigations and subsequent cleanup agreements between the NJDEP and the responsible parties allowed savings of several million dollars for the U.S. EPA's Superfund Program which otherwise would have been used for cleanup of the site. The privately funded cleanup program includes treatment of the affected municipal wells and on-site remedial actions designed to fully restore the aquifer within 10 years.

INTRODUCTION

As part of a statewide ground-water study conducted by the New Jersey Department of Environmental Protection (NJDEP), an industrial supply well in Fair Lawn, New Jersey was sampled at random during late 1978 (Tucker, 1981). Water collected from the well was contaminated with volatile organic compounds totaling 461 parts per billion (ppb). As a result, all 14 of Fair Lawn's municipal supply wells and other nearby industrial wells were sampled. By early 1979, ground-water contamination was confirmed in five of Fair Lawn's municipal wells and several local industrial wells. The total volatile organic concentration of water tested in these bedrock wells ranged from 50 to 19,141 ppb. The compounds with the highest concentrations were 1,1,1-trichloroethane, tetrachloroethylene, trichloroethylene, carbon tetrachloride, and chloroform. These compounds are now known to be among the most common synthetic organic contaminants in New Jersey aquifers (Kasabach and Althoff, 1983).

In an attempt to locate the source(s) of the ground-water contamination, the NJDEP initiated an industrial survey of the area. This survey identified certain companies whose handling, storage, and/or disposal of volatile organic chemicals may have contributed to the Fair Lawn problem.

The New Jersey Geological Survey, a part of the NJDEP's Division of Water Resources, employs a group of ground-water geologists who help coordinate and provide technical assistance on ground-water contamination investigations. The Survey geologist assigned to this investigation initially recommended that the contaminated municipal wells be disconnected from the public water system and be pumped instead to waste 24 hours per day. The pumping discharge was directed to Henderson Brook which flows to the Passaic River (Figure 1). The combined discharge being pumped to waste was 0.5 million gallons per day (mgd). This pumping-to-waste program was intended to control the spread of contamination and help purge the aquifer. Since the contaminants were volatile, minimal degradation of the brook was expected. This was confirmed by subsequent sampling (Weston Consultants, 1982).

The Borough of Fair Lawn, a suburban community with a population of approximately 32,000, is located in northeastern New Jersey as shown on Figure 1. This densely populated region has experienced an ever-increasing demand for water and consequently is experiencing a water supply deficit. For example, in addition to the 2 mgd available from Fair Lawn's wells, the Borough must purchase 1.5 mgd from other interconnected purveyors. Many of the municipalities in this region face similar shortages. Now, with the loss of use of five contaminated wells, Fair Lawn is forced to buy 0.5 mgd more to meet its water supply needs.

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HYDROGEOLOGY

The overburden in the study area consists principally of 15 to 40 feet of glacial till, a heterogeneous mixture of sand, silt, clay, gravel, cobbles, and occasional boulders. The till is often referred to as "hardpan" by some local drillers. In those areas where pre-glacial valleys existed, stratified glacial drift is found. These glacial deposits overlie the Brunswick Formation, a major fractured rock aquifer.

The Brunswick, one of New Jersey's most extensive and important aquifers, also underlies sections of New York and Pennsylvania. In New Jersey the aquifer underlies portions of 10 counties in a contiguous belt consisting of about 1000 square miles. The area overlying the aquifer is the most populated and industrialized section of the State. Many northern New Jersey communities are virtually dependent upon this aquifer and in Fair Lawn, all of the contaminated municipal and industrial wells pump from it.

At its type locality in central New Jersey, the Brunswick Formation of the Triassic/Jurassic Newark Basin consists primarily of red shales and siltstones. However, toward the northeast it becomes generally more coarse in composition (Kummel, 1898, 1940; Herpers and Barksdale, 1951). In Fair Lawn, the Brunswick Aquifer consists mainly of fractured red sandstone and conglomerate with occasional interbeds of shale. The strike of the formation at Fair Lawn is north-northeast with a shallow dip (about 10°) toward the west-northwest.

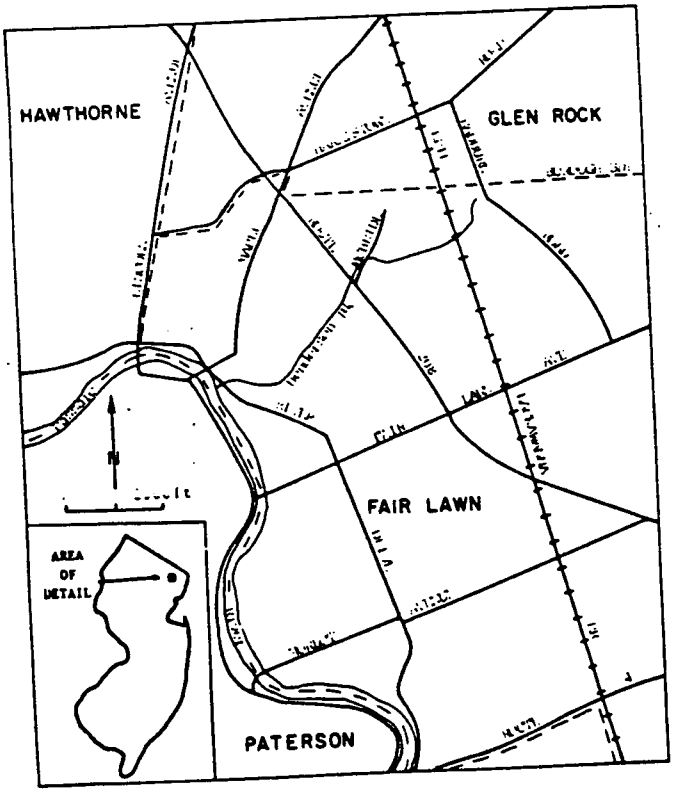

Fig. 1. Location of study area.

The water table is generally located about 15 feet below the land surface and has a seasonal fluctuation of up to 10 feet. The bedrock surface is quite irregular and hence, in some locations at certain times of the year, depending upon the position of the bedrock surface relative to the water table, a thickness of saturated overburden occurs, whereas at other locations the entire soil column remains unsaturated.

Ground-water flow in the overburden is unconfined and largely controlled by topography, with flow toward local streams and rivers. In those areas where the overburden consists of relatively low permeability glacial till, the ground water in the underlying Brunswick Aquifer occurs under semiconfined conditions. Since there is virtually no primary porosity or permeability in the bedrock, the storage and movement of ground water occurs in secondary fracture openings.

A vertically downward flow component (decreasing head with depth) has been observed in the region. This is probably the result of increasingly large ground-water withdrawals from an aquifer which is heavily pumped and in some areas overstressed. Consequently, the area of recharge is expanding and the potential for deep contamination of the aquifer has increased. The downward movement of ground water is facilitated by the nearly vertical fractures found in the aquifer.

An early discussion of fracture flow in the Brunswick Aquifer was presented by Herpers and Barksdale (1951). They stated that as greater depths are reached within the aquifer, the weight of the overlying materials increases and tends to close the fracture openings, especially those that are horizontal. Consequently, the fractures along the bedding planes, which are more nearly horizontal (5°-20°) than vertical, probably are less and less capable of storing or transmitting water with depth. However, the vertical fractures would be relatively unaffected; therefore, it is most likely that the path of least resistance to the flow of water would actually be through the vertical or nearly vertical (70°-90°) fractures. These vertical fractures have been observed in several long tunnels through the Brunswick where ground-water movement was frequently found along vertical openings and the bedding planes were found to be nearly dry (Knapp, 1904; Johnson, 1931).

The horizontal flow of ground water in the

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Brunswick Aquifer is also concentrated along the vertical fractures. These fractures are planar and most developed in a direction parallel to the strike of the formation. This causes directional rather than isotropic flow through the aquifer. Pumping tests at several locations in the aquifer have demonstrated the effects of this directional hydraulic behavior (Herpers and Barksdale, 1951; Longwill and Wood, 1965; Vecchioli, 1967; Vecchioli and others, 1969). Observation wells located along strike with the pumping wells had substantial drawdowns for distances of up to several thousand feet. However, the drawdowns were much less in observation wells located in directions other than along strike, especially perpendicular to strike, even when located much closer to the pumping wells. These tests have confirmed the anisotropic behavior of the aquifer with the greatest transmissivities occurring in a direction parallel to the strike. As a result of the anisotropy, standard methods for calculating transmissivity from drawdown data in this aquifer will likely result in unreliable data (Vecchioli, 1967). In actuality, the direction of minimum computed transmissivity will in most cases be the direction of strike and greatest transmissivity.

Recharge to the Brunswick Aquifer is from precipitation infiltrating through the overburden, and discharge is to pumping wells and to major rivers like the Passaic.

Typical construction of existing industrial and municipal wells in the Brunswick Aquifer consists of steel casing through the overburden seated into the upper bedrock. Yield is from the open boreholes, generally 10 inches in diameter, which extend to a depth of 300-400 feet. Well yields vary from about 50 gpm to over 200 gpm. The yield is greatly dependent upon the number and size of fractures intercepted by the borehole. Open fractures are limited in size and number below 400 feet as demonstrated by yields from deeper wells which have rarely exceeded those yields from the 300-400-feet deep wells. A few Brunswick Aquifer wells in the Fair Lawn area do yield more than 400 gpm. These are located where a significant thickness of saturated stratified drift overlies and recharges the bedrock.

REGIONAL INVESTIGATION

To delineate and monitor the extent of ground-water contamination in the study area, a sampling program was initiated. A total of 53 wells were located and sampled (Figure 2). These consisted of municipal, industrial, and domestic supply wells, and eventually monitor wells near the suspected sources. Most of the domestic wells were only used for irrigating gardens and lawns, while the homeowners were using the municipal supply for potable purposes.

Many of the wells were sampled several times to confirm the water quality and to monitor for any changes in water quality with time. This sampling program was sufficient to delineate the entire area of contamination, as shown by the shading on Figure 2. When the data were plotted, it became clear that the orientation of the volatile organic plume coincided with the strike of the bedrock (north-northeast) and thus was controlled by fracture flow parallel to this direction.

Concurrent with NJDEP's industrial survey and regional investigation, a hydrogeologic consultant was hired by Fair Lawn to identify areas within the Borough suitable for drilling new supply wells, and also to try and locate the source(s) of contamination (Weston Consultants, 1982). The data compiled by Fair Lawn's consultant were helpful to NJDEP's overall investigation.

During this same time period, the Fair Lawn municipal well problem was prioritized on the U.S. Environmental Protection Agency (EPA) National Priority List for Superfund.

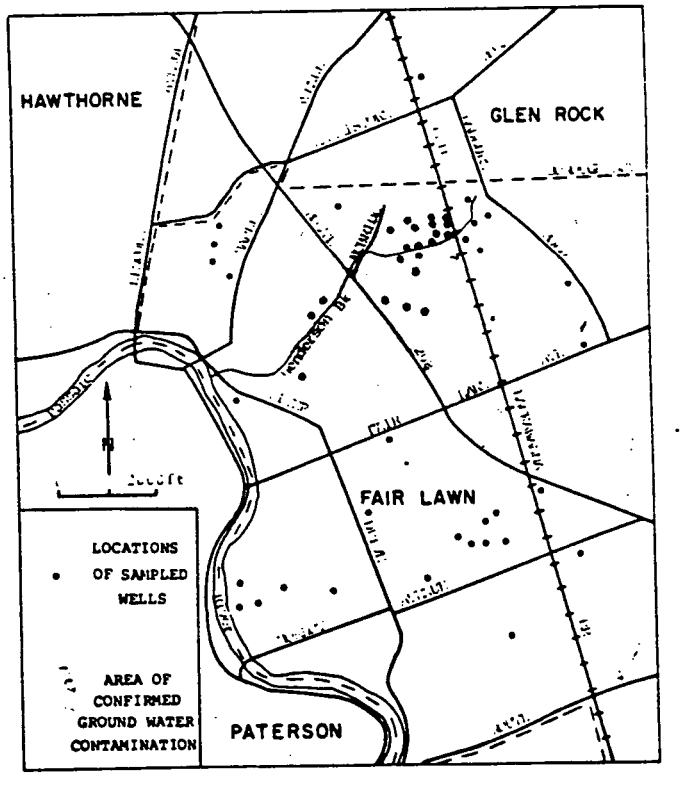

Fig. 2. Sampling locations and area of identified ground-water contamination.

INVESTIGATION OF SOURCES

After initiation of the regional investigation and completion of the industrial survey, the NJDEP began site-specific investigations at two companies suspected of being the contaminant sources. The two companies are located adjacent to each other, and in a location thought to be just upgradient of the area of ground-water contamination. In addition, those wells whose water contains the highest concentrations of volatile organic compounds are located very near these companies.

Company A is a manufacturer of cutting tools and has used various volatile organic compounds, including 1,1,1-trichloroethane, in its manufacturing process. Company A admitted to NJDEP that process wastes, including drums, had previously been buried beneath a parking area at its plant.

Company B has been involved in the distillation and repackaging of various laboratory reagents and clinical soltuions, including many volatile organic compounds such as chloroform and carbon tetrachloride. The plant site has drum storage, tank farm and transfer areas, and reportedly used a dry well containing limestone chips for storm-water runoff.

Under the direction of NJDEP's Division of Water Resource's Enforcement Program and Geological Survey, Company A installed soil borings and shallow monitor wells, analyzed water samples from the wells, conducted a metal detection survey to locate buried drums, and conducted an excavation survey in the areas of suspected buried waste (Princeton Aqua Science, 1983).

Also under NJDEP direction, Company B collected soil samples from shallow borings, installed shallow monitor wells, collected soil samples for analyses during the drilling, analyzed water samples from the monitor wells and from two on-site bedrock production wells, and investigated its subsurface piping for possible leaks of industrial wastes (Weston Consultants, 1984).

ON-SITE FINDINGS

At Company A, the buried waste area was located and a partial excavation of the area resulted in the removal of more than 10 metal drums. Sludge, soil, and liquid samples from the excavation confirmed high levels of volatile organic compounds, including 1,1,1-trichloroethane, tetrachloroethylene, and trichloroethylene at concentrations exceeding 100,000 ppb. The shallow monitor wells confirmed the presence of more than 200 ppb total volatile organics. However, according to the regional water quality patterns def., these wells were not located in appropriate downgradient locations and were too shallow to reveal the full impact of the buried waste.

At Company B, concentrations greater than 4,000 ppb total volatile organics in the shallow soil samples identified areas where surface spillage had likely occurred. Soil samples in the dry well area contained concentrations of volatile organic compounds totaling over 1,000,000 ppb. Groundwater analyses from the shallow monitor wells also confirmed significant contamination by volatile organic compounds, with one of the wells totaling over 600,000 ppb. Samples from the on-site production wells, pumping from the Brunswick Aquifer, revealed total volatile organic concentrations as high as 2,900 ppb The compounds found at most sampling points at Company B were predominantly chloroform, carbon tetrachloride, and trichloroethylene.

The water samples obtained from the shallow monitor wells, located very near and downgradient of areas of severe soil contamination and/or other suspected sources, had the highest concentrations of contaminants.

A detailed discussion of the two site-specific investigations is not included here as it is beyond the scope of this paper.

WATER QUALITY PATTERNS

The extent and degree of regional groundwater contamination had been defined by this time, but the suite of volatile organic compounds in each of the affected wells appeared to be a complex mixture, probably resulting from multiple sources. As the two on-site investigations proceeded, the data were assessed in the context of the regional hydrogeology and the developing ground-water quality patterns.

A contaminant which clouded the groundwater quality picture was trichloroethylene, which had been found in soil and water samples at both Company A and B, and in all of the contaminated municipal and industrial wells. In addition, several other volatile organic compounds with relatively low specific gravities, such as benzene and toluene, were found in soil and shallow ground water at the two sites. However, these compounds were not found in the municipal wells, and experience has shown that these compounds do not migrate downward through aquifers as readily as the volatile organic compounds with higher specific gravities.

Consequently, for the purpose of isolating the respective ground-water impacts from Company A

and B, trichloroethylene and the low specific gravity compounds were ignored. The remaining principal contaminants found at each company were generally unique to each site. Water quality maps for each unique subset of compounds were then prepared and the respective plumes of contamination were much more easily defined. A water quality map showing only 1,1,1-trichloroethane and tetrachloroethylene, representing the contaminant plume from Company A, is shown on Figure 3. Similarly, a water quality map showing only chloroform and carbon tetrachloride, representing the contaminant plume from Company B, is shown on Figure 4. The water quality of selected wells, located within each plume, is shown on Figure 5.

The highly anisotropic behavior of the Brunswick Aquifer, with its greatest horizontal transmissivities along strike, was an essential component in gaining an understanding of a previously confusing body of ground-water quality data. Assuming predominant flow along strike, the resulting water quality patterns allowed the differentiation of two overlapping plumes, each over 4,000 feet in length, and each emerging from two discrete but adjacent sources.

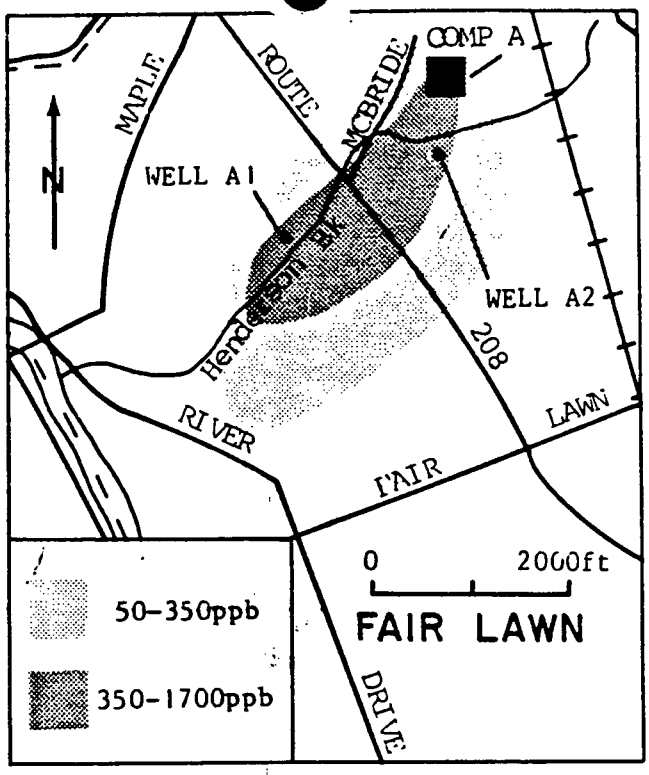

Fig. 3. Company A's contaminant plume. 1,1,1-trichloroethane, and tetrachloroethylene concentrations (1982-1983).

CONCLUSIONS

The ground-water quality patterns were defined by the Summer of 1983, and at that time NJDEP concluded that:

1. Contaminants from Company A and B were transported downward through the overburden to the water table by infiltrating precipitation.

2. The volatile organic compounds with relatively higher specific gravities were transported downward to the Brunswick Aquifer much more readily than those compounds with lower specific gravities.

3. Upon reaching the Brunswick Aquifer, the contaminated ground water flowed through the nearly vertical fractures which were most developed in a direction parallel to the strike of the bedrock. In this case, flow was in a south-southwest direction along the fractures and down the hydraulic gradient toward the Passaic River.

4. The pumping-to-waste program was helping control the spread of contamination. The water quality patterns confirmed that the plumes were being captured by the cones of depression surrounding the pumping wells. Only very low levels were found southwestward (regionally downgradient) of the pumping wells.

5. Both Company A and B were sources of the trichloroethylene found in the aquifer.

6. The wells oriented along strike with Company A were mainly contaminated by 1,1,1-trichloroethane and tetrachloroethylene with much lower concentrations of chloroform and carbon tetrachloride. Therefore, Company A was the principal source of the 1,1,1-trichloroethane and tetrachloroethylene found within the aquifer.

7. The wells oriented along strike with Company B were mainly contaminated by chloroform and carbon tetrachloride with much lower concentrations of 1,1,1-trichloroethane and tetrachloroethylene. Therefore, Company B was the principal source of the chloroform and carbon tetrachloride found within the aquifer.

8. Although limited in extent, some contaminated ground water had flowed in directions other than directly along strike, especially near the pumping wells. This can be seen by comparing Figures 3 and 4 which show an overlap of the two plumes to some degree.

9. The sources of contamination have been identified; and source cleanup, aquifer restoration, and water treatment for the affected municipal wells are all warranted and feasible.

AQUIFER RESTORATION AGREEMENTS

The NJDEP used the conclusions outlined above as a basis for negotiating a privately funded

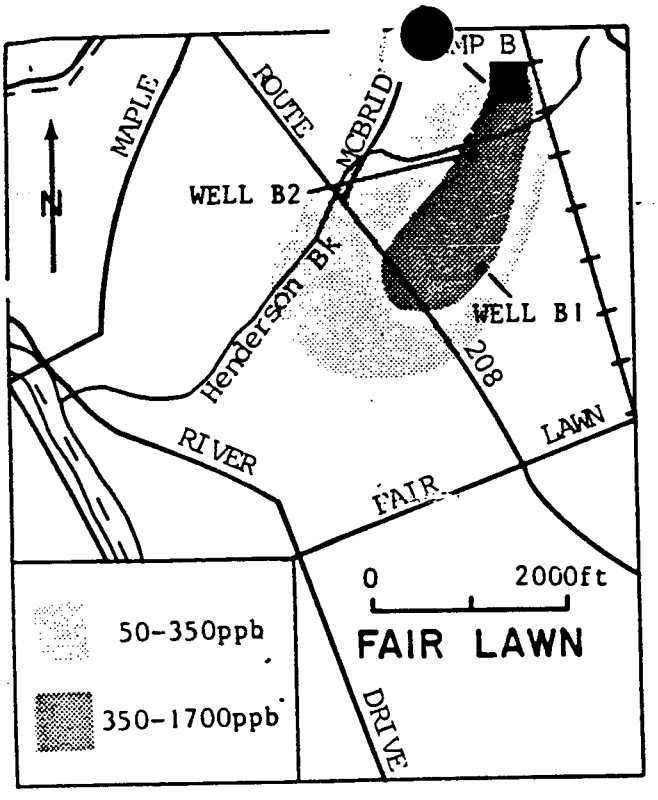

Fig. 4. Company B's contaminant plume. Carbon tetrachloride and chloroform concentrations (1982-1983).

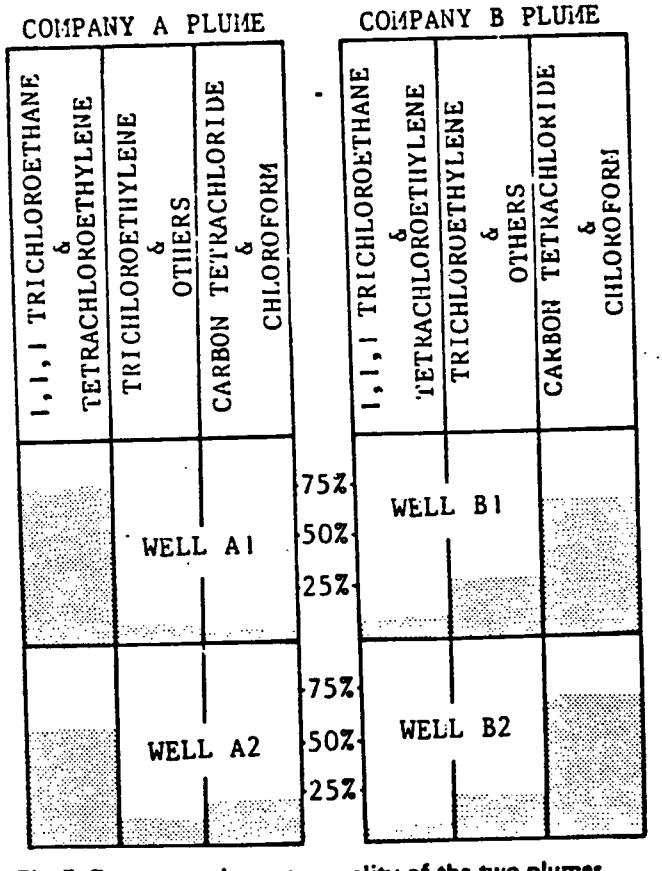

Fig. 5. Representative water quality of the two plumes. Each column shows percent of total concentration for each subset of compounds.

cleanup prog[illegible] Companies A and B. The program include[illegible]uifer restoration and treatment of the affected municipal wells. The negotiations were closely monitored by EPA and NJDEP Superfund staff, as well as Fair Lawn officials who were anxious to have their water supply restored. If agreements could not be reached and Administrative Consent Orders (ACO's) signed, the EPA's Superfund program was prepared to step in and perform all of the necessary work using public funds.

Company A and B, as well as their consultants, were briefed on NJDEP's findings, including a review of the regional ground-water flow patterns involved in the distribution of the contaminants. Both companies were also apprised of their respective potential liabilities if agreements could not be reached with NJDEP. Upon review of NJDEP's findings, the companies were receptive to a private cleanup.

By March 1984 all parties had agreed to the language of the ACO's and they were signed. It was agreed that both companies had likely contributed approximately 50% of the problem. Therefore, the ACO's required each company to pay the Borough of Fair Lawn a sum of $610,000. The $1,220,000 will be used for the design, construction, operation, and maintenance of an air stripping unit and related appurtenances for treatment of the contaminated municipal wells and as restitution to the Borough for expenses incurred from January 1979 to July 1984 as a direct result of the contamination of the municipal wells.

It was concluded by NJDEP that continued pumping of the affected wells with treatment will help both Fair Lawn's water supply problem and continue to purge the contaminants from the aquifer. A 10-year operation of the treatment system is estimated based on the projected progress of the overall remedial action program detailed in the ACO's.

The ACO's further require each company to perform additional on-site investigations including the collection and analysis of additional soil samples, installation of additional monitor wells, collection and analysis of quarterly samples from all on-site wells for a minimum of one year, cleanup of the contaminant sources, and submission of complete hydrogeologic reports. The need for additional on-site remedial measures will be determined by NJDEP, based upon review of the monitoring data and the effectiveness of the remedial actions taken. All of the requirements of the cleanup agreements, as described in detail in the ACO's, will be overseen by NJDEP.

SIGNIFICANCE OF THE STUDY

The movement of volatile organics through the Brunswick fractured rock aquifer was carefully assessed in Fair Lawn in response to the contamination of several municipal wells. A combination of both regional and site-specific investigations led NJDEP to the sources of contamination. Subsequently, informative discussions with the responsible parties resulted in agreements to treat the affected municipal wells and to perform on-site remedial actions intended to fully restore the aquifer within 10 years. NJDEP's actions, resulting in a privately funded cleanup, allowed the savings of several million dollars for the EPA's Superfund.

The anisotropy of the Brunswick Aquifer had been well documented by previous pumping tests. Although the application of this knowledge had been focused mainly on water supply issues, several of the previous investigators of the aquifer had foreseen how it could lend considerable insight into the evaluation of existing or potential groundwater contamination problems (Vecchioli, 1967; Vecchioli and others, 1969). The water quality patterns found in Fair Lawn, resulting from the preferred directional movement within the aquifer, certainly compliment these previous studies. The anisotropy of the aquifer, with flow predominantly parallel to the strike, proved to be a major factor in understanding the distribution and movement of the contaminants, and in ultimately reaching a hydrogeologic and financial solution to the Fair Lawn problem.

In New Jersey, there are approximately 75 volatile organic contamination investigations currently underway where the Brunswick Aquifer has been affected or is threatened. Hence, the results of the Fair Lawn investigation have wide application in New Jersey and possibly other locations within the Newark Basin.

ACKNOWLEDGMENTS

The Fair Lawn investigation could not have been completed without the mutual cooperation of numerous individuals. Thanks are especially due to Armando Arcenal, Robert Plumb, and Peter Lynch of NJDEP's Division of Water Resources, Metropolitan Enforcement Element; John Schneider, the Fair Lawn Borough Engineer; and William Althoff of the New Jersey Geological Survey, who provided technical assistance throughout the investigation and reviewed the manuscript.

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Feasibility Study Report
Fisher Scientific Company
Fair Lawn, New Jersey Facility

26 July 1985

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FEASIBILITY STUDY REPORT
FISHER SCIENTIFIC COMPANY
FAIR LAWN, NEW JERSEY

JULY, 1985

Prepared By:

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APPENDIX 1 Administrative Consent Order

APPENDIX 2 Soil Analytical Data

APPENDIX 3 Groundwater Analytical Data

SECTION 1

INTRODUCTION

Fisher Scientific Company (FISHER) authorized Roy F. Weston, Inc. (WESTON) to conduct a Feasibility Study (FS) to evaluate remedial action for the Fisher Scientific Company, Fair Lawn, New Jersey facility. The facility is located at One Reagent Lane, Fair Lawn, New Jersey, in Bergen County. This FS presents the development, evaluation and selection of a remedial program for the restoration of groundwater quality at the Borough of Fair Lawn potable water wells.

This work was proceeded by two previous studies. The first study report, dated December 1983, was titled "Hydrogeologic Investigation at the Fisher Scientific Company, Fair Lawn, New Jersey Facility." The second study report, dated 28 September 1984, was titled "Remedial Investigation, Fisher Scientific Company, Fair Lawn, New Jersey Facility." This report summarized the results of the previous work and defined the extent and magnitude of volatile organic compounds (VOC's) on site as the basis for the FS.

On 28 March 1985, the NJDEP's review of the Remedial Investigation (RI) report was received thereby initiating work on the Feasibility Study (FS). This FS report describes the project objectives, and the identification and evaluation of remedial action alternatives and the selection of a remedial action program.

1.1 SITE BACKGROUND

The FISHER site is located in Fair Lawn, Bergen County, New Jersey within the Fair Lawn Industrial Park (see Figure 1-1). The approximately 10-acre plant is an active production facility for formulation, purification and packaging of reagent chemicals for laboratory use. The facility includes five (5) major buildings which house the manufacturing, warehousing, office, and laboratory operations (see Figure 1-2). FISHER has operated the facility from 1955, through the present time.

In 1978, the Borough of Fair Lawn detected the presence of volatile organic compounds (VOC's) in four (4) municipal supply wells located adjacent to the Fair Lawn Industrial Park. WESTON performed an initial hydrogeologic survey for the Borough of Fair Lawn in January 1981 to evaluate, on a regional basis, the presence and potential sources of VOC's detected in the Borough water supply wells. The January 1981 study and subsequent surveys performed by the Division of Water Resources of the New Jersey Department of Environmental Protection (NJDEP) suggested that the VOC's were derived from the Fair Lawn Industrial Park area. Some of the organic compounds detected in the Borough

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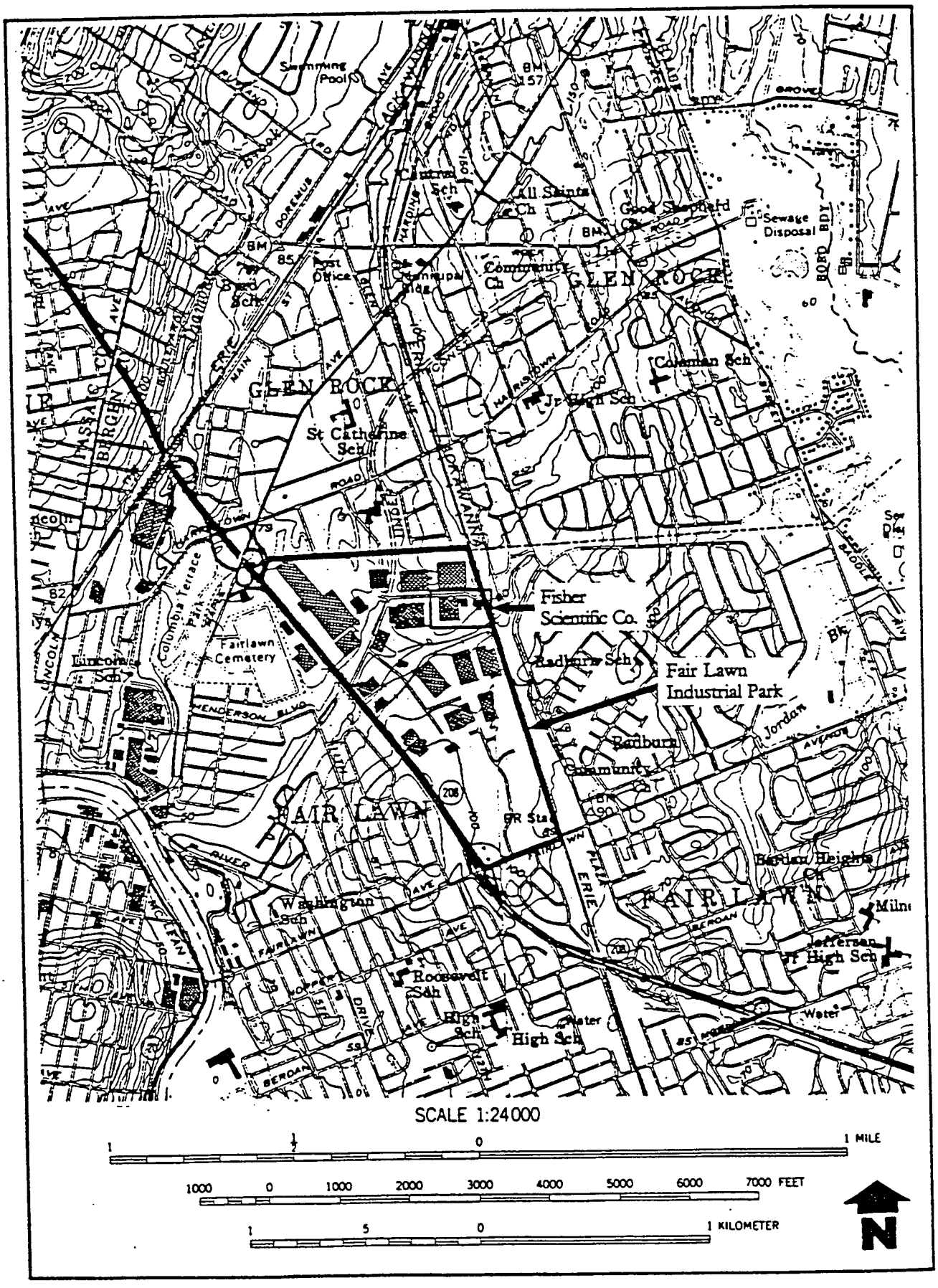

FIGURE 1-1 LOCATION MAP

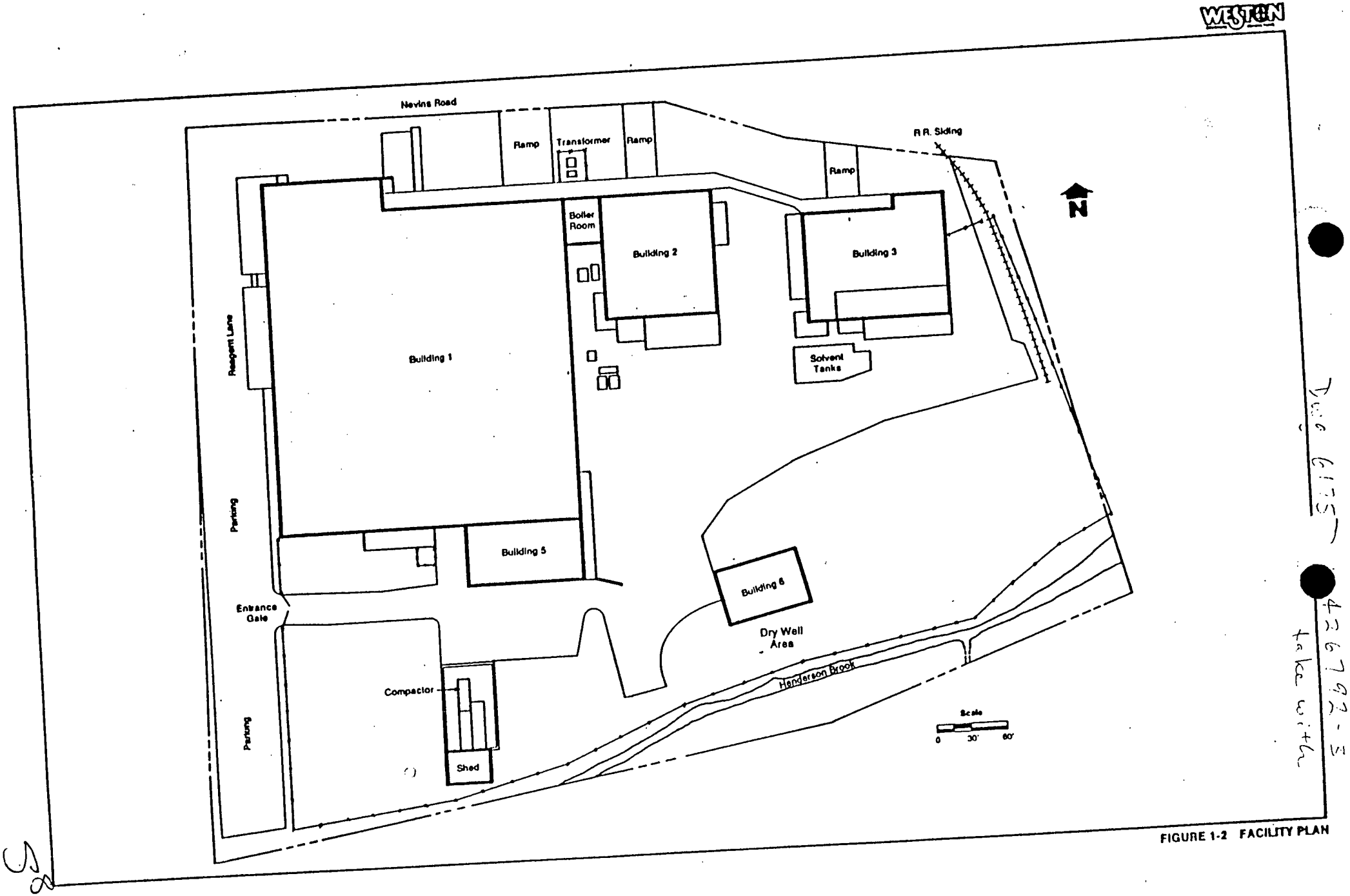

FIGURE 1-2 FACILITY PLAN

water supply system had been processed by FISHER between approximately 1955 and 1974.

In response to the above concerns, the NJDEP issued a directive on 12 May 1983 to FISHER to conduct a hydrogeologic evaluation of the Fair Lawn plant. The hydrogeologic evaluation, conducted between August and November 1983, included sampling and analysis of groundwater from seven monitoring wells installed on the FISHER property. The results of the investigation were published in a report by WESTON titled "Hydrogeological Investigation at the Fisher Scientific Company, Fair Lawn, New Jersey Facility" on 16 December 1983. The report concluded that contamination by volatile organic compounds had occurred in the groundwater under the FISHER property.

Between January and March 1984, FISHER cooperated with NJDEP in the development of an Administrative Consent Order (ACO) executed on 21 March 1984 (see Appendix 1). Key elements of FISHER's responsibility under the ACO are as follows:

- The performance of a Remedial Investigation to evaluate the source, occurrence and movement of contamination in soil and groundwater on the FISHER property.
- The performance of a Feasibility Study to evaluate Remedial Action Alternatives for the site which would effectively mitigate, minimize damages to, and provide adequate protection of the public health, welfare and the environment.
- A schedule of payments to the Borough for expenses incurred as a result of groundwater contamination and the establishment of financial assurances for execution of remedial action at the facility.

The results of the Remedial Investigation were published on 28 September 1984. The RI report defined the extent and magnitude of soil and groundwater contamination at the facility and recommended proceeding with the Feasibility Study (FS) to evaluate alternatives for remedial action. The NJDEP concurred with this recommendation on 28 March 1985 in their review of the RI report.

During the performance of the Feasibility Study reported herein, FISHER and WESTON are conducting additional studies supplemental to the Remedial Investigation. These studies include the following:

- A step drawdown and a long term pump test at Plant Well No. 1 to define physical characteristics of the bedrock aquifer (Brunswick Formation).
- The installation of a pumping well south of Building No. 6 and the performance of a step drawdown and a long term pump test. These tests are

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being performed to define physical characteristics of the unconsolidated formation aquifer.

- The development of a numerical groundwater simulation model to evaluate and optimize the removal of VOC's from the groundwater through extraction wells.

The above supplemental studies are being performed parallel to this feasibility study due to the time constraints proposed by the ACO. These studies are not required by the ACO but are being performed for future refinement of the Feasibility Study.

1.2 PROBLEM DEFINITION BY REMEDIAL INVESTIGATION

1.2.1 GEOLOGY

Soils underlying the FISHER site are composed of 10 to 30 feet of unconsolidated glacial deposits composed of medium dense to dense, reddish-brown sand and silty sand with occasional lenses of silty clay. Underlying the glacial deposits are reddish-brown sandstones and shales of the Brunswick Formation, Newark Group, with sandstones predominating. The topography of the bedrock surface is shown in Figure 1-3. While the bedrock does not have significant intergranular porosity, fractures in response to regional stresses have produced a secondary porosity in the bedrock. These fractures are predominantly oriented in a Northeast-Southwest direction creating a higher permeability parallel to this direction (along strike) and a lower permeability in the perpendicular direction (along dip).

1.2.2 HYDROGEOLOGY

Groundwater is found in both the unconsolidated glacial deposits and the underlying bedrock formations. The depth to groundwater ranges from 5 to 20 feet below ground surface. The depth to the bedrock varies according to Figure 1-3. The water table occurs within the unconsolidated formation along the eastern portion of the site and within the bedrock in the western portion of the site. Seasonal fluctuations in the water table range from approximately 3 to 10 feet across the site and are impacted by seasonal recharge and area groundwater pumping from municipal and industrial wells.

The permeability of the glacial deposits comprising the shallow zone varies due to the presence of silty clay and sand and gravel lenses. Permeabilities in the shallow strata range from approximately 10^{-3} cm/sec. to 10^{-4} cm/sec. The average bedrock permeability due to fractures and joints ranges from 10^{-4} to 10^{-7} cm/sec. Since migration of contaminants within the bedrock will occur predominantly along the fractures, bedrock permeability is considerably higher along the orientation of these fractures. Due to an estimated low overall porosity by NJDEP (2%), the velocity of groundwater through the fractures is higher than average permeabilities alone suggests.

Groundwater flow at the FISHER site is controlled by the variations in subsurface conditions and pumping influences. Groundwater flow in the glacial deposits occurs in a generally westerly orientation as shown by the shallow water table contours in Figures 1-4 and 1-5. Groundwater flow in the bedrock formation occurs in a northeasterly direction across the site as shown by the bedrock water table contours in Figure 1-6. Recent information suggests groundwater in the glacial deposits and bedrock are only partially hydraulically interconnected. A downward component of vertical groundwater flow exists between the aquifer zones due to the hydraulic gradient between the water table surface and deep piezometric surface. Vertical flow components tend to be most steeply downward near pumping wells.

The regional groundwater flows were investigated with the cooperation of NJDEP to determine the impact of off-site groundwater pumping activities on site and regional groundwater flows. Three groundwater wells are used by the neighboring Unified Data Products (UDP) facility during the warm weather months to serve the facility cooling system. The piezometric surface for the bedrock aquifer at the 70-100 foot interval is shown in Figure 1-7 which illustrates the effects of UDP pumping on regional groundwater flow. The data suggests UDP pumping in the bedrock aquifer influences flow across the entire FISHER site and may act as a hydrologic barrier during the periods these wells are in operation. The ellipsoid shape of the cone of depression indicated in Figure 1-7 also suggests an anisotropic flow regime exists due to the orientation of bedrock fractures in a Northeast-Southwest direction. The aquifer anisotropy was confirmed in recently completed pump tests performed by WESTON in which preferrential drawdown was noted in groundwater observation wells along the orientation of the fractures.

The UDP wells will act as a hydrologic barrier to migration of VOC's from the FISHER property only seasonally during their operation in summer months. Monitoring of water levels in both the glacial deposits and bedrock formation during the summer of 1985 also suggest some degree of hydraulic separation between these aquifers. Fluctuations in the groundwater levels in the bedrock formation on FISHER property could be related to the UDP pumping activities using continuous water level recorders. However, while drawdown in the bedrock formation could be correlated to UDP pumping, little drawdown of water levels occurred in the glacial deposits. This data suggests groundwater in the glacial deposits recharges the bedrock formation at a rate slower than the groundwater in the bedrock can be transmitted toward the pumping wells. At least seasonally, the glacial deposit aquifer may be fluctuating independent of the bedrock aquifer.

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1.2.3 OCCURRENCE OF CHEMICAL CONTAMINANTS ON-SITE

1.2.3.1 SOIL CONTAMINANTS

A soil boring program was conducted during the Remedial Investigation in order to identify potential sources of groundwater contamination on the site. Existing site operations were reviewed and past operations were determined based on interviews with FISHER personnel. Among the areas identified as potential sources of VOC's was the dry well area south of Building 6, which was used for general area drainage within process buildings. Chemicals could have entered the dry well due to process leaks and spills. The area south of Building 2 had been and is presently used for the storage of organic materials and is adjacent to active process areas. Leaks and spills during the early years of operation, when the area was unpaved, were potential sources of chemical release to the environment. The areas southeast of Building 3 had been used in the past as a bulk transfer area where rail tank cars were transferred to a packaging facility in Building 3. Pumps, piping, hoses and filters from this operation were potential sources for the release of VOC's. Sewer lines, laterals and manholes were investigated and found to be potential lower level sources of VOC's due to cracking and corrosion. These sewer lines have been repaired by FISHER during 1984. The shed area south of Building 1, used in the past for crushing empty chemical containers, may also have been a source of lower level VOC's.

The soil boring program was conducted in two (2) stages. Boring locations in the first stage were selected based on the above knowledge of potential sources and, in the second stage, based on the results of the first stage boring results. The location of all soil borings and monitoring wells completed in the Remedial Investigation are shown in Figure 1-8. Preliminary readings of volatile organic chemical levels were taken in the field using Organic Vapor Analyzer (OVA) and HNu readings in open bore holes and of split spoon samples. The field measurements were used as a semi-quantitative indicator of volatile organic compounds in soil. OVA and HNU readings were also taken as part of the sample screening protocol, in order to select samples for laboratory analysis.

Laboratory analyses were conducted for priority pollutant volatile organic compounds (VOC's). The analytical results (see Appendix 2) indicate that the compounds toluene, benzene, ethylbenzene, chlorobenzene, trichloroethene, 1,2-dichloroethane, 1,1,2-trichloroethane, tetrachloroethene, carbon tetrachloride, methylene chloride, chloroform, and xylenes were present at elevated concentrations in portions of the site.

The approximate areal distribution of VOC's in soils across the site is graphically depicted in Figure 1-9. In this figure, isoconcentration lines are plotted for the sum of the concentrations of volatile organic compounds detected. The results indicated that the area of highest total VOC levels is located around

Building 3 extending from the old bulk transfer area to the area between Building 2 and 3. Lower levels of VOC's were found along sewer lines and laterals, and west of the shed. Low levels of VOC's in the dry well area soils coupled with high levels of VOC's in the groundwater indicate that contaminants introduced through the dry well did not result in significant migration into the surrounding soils above the water table.

Soil samples from each borehole were typically selected at the depth where the highest OVA and HNU readings were obtained. VOC concentrations throughout this depth were assumed to be equal to levels obtained at the sample depth. The approximate depth from the surface to the groundwater table based on 26 July 1984 data, is graphically depicted in Figure 1-10. Based on these figures, the approximate quantity of soil containing VOC's at or above 10 ppm is 10,500 tons.

1.2.3.2 VOC's IN GROUNDWATER

Groundwater was sampled from twelve (12) monitoring wells installed on the site and two (2) existing plant wells. Eight (8) of the monitoring wells were screened at the water table. Four (4) monitoring wells were screened in the bedrock from 70-100 feet below the surface.

Samples were analyzed by three (3) laboratories, WESTON, New Jersey Department of Environmental Protection, and Century, an independent laboratory. The analytical results for groundwater analyses are included in Appendix 3. The most significant parameters observed in the groundwater include:

- Methylene Chloride
- t-1,2-Dichloroethene
- Chloroform
- 1,2-Dichloroethane
- 1,1,1-Trichloroethane
- Carbon Tetrachloride
- Trichloroethene
- Benzene
- Tetrachloroethene
- 1,1,2,2-Tetrachloroethane
- Toluene
- Chlorobenzene
- Xylenes
- Acetonitrile
- Vinyl Chloride

The analytical results indicate that elevated levels of VOC's exist in the shallow groundwater at the site. The highest levels of a broad range of VOC's occur at well FS-06 near the dry well. This indicates that the drywell may have had the largest effect on groundwater quality in the long term. High concentrations of the non-priority pollutant compound acetonitrile were identified by the WESTON laboratory in Well FS-03. The presence of acetonitrile makes this the area of highest total VOC levels in the groundwater. This is a relatively recent (less than 5 years)

development which appears to be local to the FS-03 area where acetonitrile has been produced only in the last 5 years. Lower levels of contamination with a broad range of VOC's, were also found further from the major contaminant sources on the west edge of the property.

Lower levels of VOC's were observed in the deep monitoring wells. VOC's observed in the deeper wells are predominantly the higher density organic compounds, such as chloroform, carbon tetrachloride, and trichloroethene.

A map of iso-concentration lines of total volatile organic compounds in the shallow groundwater zone was prepared in order to clearly show the distribution of VOC's across the site. The iso-concentrations lines, which appear in Figure 1-11, were drawn using the median analytical result and extrapolating linearly between the sample points.

The picture obtained by linear extrapolation of total VOC's in the shallow zone map is not completely representative of contaminant distribution. The high levels of total VOC's centered around FS-03 is primarily due to the presence of acetonitrile. The relatively recent (5 years) initiation of acetonitrile production, coupled with its absence in other areas indicates that it is localized and probably has less impact across the site than Figure 1-11 implies. The high levels of abroad range of VOC's found in wells near the dry well area indicates that the dry well has had a larger impact on groundwater quality in the long term.

1.2.4 SPECIAL SITE CONSIDERATIONS

The Fisher Scientific site is an active production facility used for formulation, purification, and packaging of reagent grade chemicals for laboratory use. The facility currently employs 285 employees. Products produced are valued at approximately $40 million per year. The site has been extensively built upon including five (5) large structures and extensive paved areas for parking and operations. Future construction plans include upgrading process area containment structures, modification of the process sewer system, concrete based drum handling and storage areas, and expanded parking areas. Presently only one quarter of the site is undeveloped.

Care has been taken to consider health and safety factors and the impacts of interruption of production during the execution of the remedial investigation. These will also be factors in developing and implementing the remedial action program.

The facility location, within the Fair Lawn Industrial Park, provides a buffer to the surrounding community on three sides. On the east side, however, some residences exist as close as several hundred feet from the facility. This may be a consideration in

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conducting remedial actions. The principal concern of the community, at present, appears to be limited to the loss of drinking water resources and costs incurred to obtain supplemental water supplies.

1.2.5 VOC MIGRATION

VOC migration through the earth is typically a complex phenomenon. VOC's may be found in groundwater, adsorbed onto soils, bound with water in soil interstices, and present in the vapor phase in the soil interstices due to volatilization.

In undisturbed soils, the most important route of VOC migration is typically through surface water recharge in the unsaturated zone and groundwater movement in the saturated zone. Volatilization may also be significant for the upper 6-12 inches of soil. At the FISHER site, however, many areas with VOC's in the soils have been paved over with asphalt. This reduces the rate of volatilization from near surface soils. Other factors affecting migration through unconsolidated soils include attenuation due to adsorption, and the density of VOC's and VOC-water mixtures. The groundwater on the FISHER site generally moves to the west or southwest with a slight downward gradient. Due to site stratigraphy, the water table occurs below the bedrock surface on the western portion of the site. VOC migration through the bedrock more closely follows groundwater movement through the directional fractures due to the low interstitial volume and surface area available for adsorption.

Groundwater flow and VOC movement has been impacted by groundwater pumping in the Fair Lawn area. This may include minor influences from the Borough of Fair Lawn drinking water well operation. UDP, an adjacent industrial site, has a larger impact on groundwater flow and VOC transport due to the intermittant operation of three (3) groundwater wells used for cooling water.

1.2.6 EFFECTS OF VOC'S FROM THE SITE

The primary adverse effect of VOC's on the FISHER site has been its migration into the groundwater which ultimately serves as a drinking water supply. It has been demonstrated that the site may have contributed to the Borough of Fair Lawn well contamination. Other significant contaminant sources from commercial and industrial activities have been documented in the Fair Lawn area which probably have also contributed to the Borough of Fair Lawn well field contamination.

The impact on natural resources is limited to the impairment of the groundwater resource. The impact on the population served by the Borough of Fair Lawn has been mitigated by the Borough's actions to stop utilizing affected groundwater. FISHER has cooperated with the Borough and New Jersey Department of Environmental Protection in providing the economic resources to restore the water supply to meet drinking water standards. The Borough has pur-

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chased drinking water from outside sources as an interim measure nd plans to construct and operate a water treatment unit in order to utilize the local groundwater supplies once again. These actions have served to remove the pathway for potential human exposure to these VOC's. The short term actions taken by FISHER and the Borough of Fair Lawn have been appropriate and have effectively mitigated immediate adverse impacts. It is anticipated that these measures will remain effective in the near future.

The long-term goals of aquifer restoration as outlined in the ACO are also appropriate in restoring the drinking water aquifer, mitigating potential long-term public health impacts and reducing the long-term treatment costs incurred by FISHER and the Borough of Fair Lawn. Caution has been taken during the course of the remedial investigation and in the development of the remedial action program to minimize the potential for human exposure during the implementation of a long-term program to restore the drinking water aquifer.

1.3 OBJECTIVES OF REMEDIAL ACTION

The overall objectives of the remedial action are to minimize migration of VOC's and adverse impact on public health, and the environment. This must be accomplished by means of a program which is technically feasible and cost effective. The feasibility study has been designed to comply with the feasibility study requirements described in the ACO. The study includes the following stages of work:

- Identification and preliminary screening of technologies.
- Assembly of appropriate technologies into remedial action alternatives.
- Development and description of remedial action technologies.
- Evaluation of remedial action alternatives.
- Selection of a remedial action program.

This FS, which describes the results of the above tasks, is prepared for submittal to NJDEP for review and comment.

1.3.1 ACO COMPLIANCE SCHEDULE

The ACO delineated a specific compliance schedule for the completion of the various tasks required in this investigation. All aspects of the ACO compliance schedule have been strictly followed in the performance of this and previous investigations. The ACO compliance schedule and actual completion dates are shown on Table 1-1.

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M E M O R A N D U M

27 MAR 1987

To: Fisher Scientific Company, Fair Lawn
RCRA Facility Assessment File

From: Donna L. Gaffigan, HSMS IV DLG
Bureau of Site Assessment

Subject: Depth of existing wells at the Fisher Scientific company, Fair Lawn facility

The following information was taken from the Fisher Scientific Company, Fair Lawn facility RCRA Part B Permit Application.

Well Designation *	Depth (ft)
FS-01	34
FS-02	25
FS-03	19
FS-04	32.5
FS-05	41
FS-06	23
FS-07	23
FS-8P	100
FS-9P	100
FS-10P	100
FS-11P	100
FS-12	40
FS-13	55
FS-14	50
FS-15P	55
FS-16	45
FS-17	40
FS-18P	100
Well #1	340 (approx.)
Well #2	340 (approx.)

* Wells with a P designation are piezometer wells.
Wells #1 and #2 are plant production wells.

HS:200

Attachment Y

Y-1

Let's protect our earth

CN 028
Trenton, N.J. 08625-0028

(609)633-1408

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE MANAGEMENT

Michele M. Putnam
Deputy Director
Hazardous Waste Operations

John J. Trela, Ph.D., Director

Lance R. Miller
Deputy Director
Responsible Party Remedial Action

FISHER SCI - FAIR LAWN 85823

MAY 09 1989

Raymond Basso, Chief
New Jersey Compliance Branch
Emergency and Remedial Response Division
US Environmental Protection Agency - Region II
26 Federal Plaza
New York, NY 10278

Dear Mr. Basso:

Re: Fair Lawn Wellfield
Fair Lawn, New Jersey
Delisting of Site

The purpose of this letter is to solicit USEPA's concurrence with the initiation of remedy selection and delisting procedures for the Fair Lawn Wellfield Superfund Site. A brief background of the site and basis for the Department's request is provided below.

The Fair Lawn Wellfield Superfund Site consists of two (2) contaminated municipal wellfields (4 wells out of 14) which currently use two air stripping facilities for treatment of ground water prior to being sent to the distribution system. These facilities have proven to be effective in meeting drinking water standards set forth in state and federal law. The wellfield is considered to be in the operation and maintenance phase of the Superfund process.

The wellfield was proposed for inclusion on the National Priorities List (NPL) in 1982. It was officially added to the list in September of 1983. This was done in an effort to obtain public funds for the construction and operation of the air strippers.

Since listing the site on the NPL, two responsible parties have been identified as contributing contamination to the wellfield site. They include Sandvik Incorporated and Fisher Scientific, both located in the Fair Lawn Industrial Park. Both companies executed Administrative Consent Orders (ACOs) with the Department in 1984. Under the terms and conditions of the ACOs, the Borough of Fair Lawn was reimbursed by the companies and use of public funds has not been necessary. Also, the ACOs required investigation and remediation of contamination at each site. In addition, Fisher Scientific is subject to the requirements of New Jersey's Environmental Cleanup Responsibility Act and is currently completing the construction

U'

phase of their cleanup. Also, the Division of Water Resources is involved in an investigation of ground water contamination that is currently considered to be a regional problem. It is possible that additional sources will be identified and remediated through these investigations.

The primary exposure route of contamination at the Fair Lawn site, the potable water, has been adequately addressed by the air stripping facilities. Therefore, the State of New Jersey would like to immediately institute measures to document the selected remedy and delist the Fair Lawn wellfield site. Although there are currently two separate investigations being performed at the Fair Lawn Industrial Park, their cleanups should not be dependent on actions at the Fair Lawn wellfield and remedial actions at these sites can best be achieved under authorities other than CERCLA.

The Department feels that the scenario described above is the most effective way to address the requirements of CERCLA while at the same time continuing timely investigation and remediation of remaining contamination. The Department would like to move quickly on this issue and develop an appropriate Record of Decision on the wellfield site. The feasibility of this happening is dependent on a concurring opinion from USEPA. Your prompt evaluation of this situation would be greatly appreciated.

Please contact me at the above address or at (609) 633-1455 with your decision.

Sincerely,

Melinda Dower

Melinda Dower, Chief
Bureau of Federal Case Management

PL/sw
c. Pamela Lange, BFCM/DHWM
Carolyn Kisliuk, ECRA
Michael Schuit, Regulatory Officer

1st Quarter '89
gw sampling
rec'd 5/16/89

VOL. I

TOC/TDS DATA PACKAGE

FISHER SCIENTIFIC COMPANY #85823

FAIRLAWN

SAMPLES COLLECTED

28 FEBRUARY 1989

ROY F. WESTON, INC.

GLOSSARY OF TERMS - INORGANIC REPORTS

DATA QUALIFIERS

U - Indicates that the parameter was detected at or above the reported limit. The associated numerical value is the sample detection limit.

* - Indicates that the original sample result is greater than 4x the spike amount added. The USEPA-CLP has determined that spike results on samples where this occurs may be unreliable and therefore the control limits are not applicable.

ABBREVIATIONS

MB	-	Method or preparation blank
MS	-	Matrix Spike
MSD	-	Matrix Spike Duplicate
REP	-	Sample Replicate
LC	-	Indicates a method LCS or Blank Spike
NC	-	Not calculable, result below the detection limit

LABORATORY CHRONOLOGY AND HOLDTIME REPORT

The test code listed indicates the specific analysis or preparation procedure employed. The codes may be interpreted as follows:

MAAW	Metals prep test for AA digestion, water matrix.
MAAS	Metals prep test for AA digestion, soil matrix.
MICW	Metals prep test for ICP digestion, water matrix.
MICS	Metals prep test for ICP digestion, soil matrix.

M**TO This type of code indicates a total metal analysis (eg. MAGTO indicates an analysis for total silver).

M**SO This type of code indicates a soluble metal analysis. (eg. MAGSO indicates an analysis for soluble silver).

M**EP This type of code indicates an EPTOXICITY metals analysis (eg. MAGEP indicates an analysis for eptox silver).

I**TO This type of code indicates a non-metallic total analysis. There is also a complimentary soluble analysis for each of these codes (eg. ICNTO indicates an analysis for total cyanide).

A suffix of -R or -S following these codes indicates a replicate or spike analysis respectively.

V2

	Cust ID:	FS-01B		FS-04		FS-05		FS-07		FS-07		FS-02	
Sample Information	RFW#:	001		002		003		004		004 DL		005	
	Matrix:	WATER		WATER		WATER		WATER		WATER		WATER	
	D.F.:	10.0		50.0		5.00		10.0		1000		1.00	
	Units:	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Surrogate Recovery	Toluene-d8	99	%	104	%	92	%	98	%	98	%	90	%
	Bromofluorobenzene	95	%	106	%	103	%	106	%	99	%	99	%
	1,2-Dichloroethane-d4	94	%	101	%	92	%	98	%	93	%	78	%
Chloromethane		100	U	500	U	50	U	16	J	NA		10	U
Bromomethane		100	U	500	U	50	U	100	U	NA		10	U
Vinyl Chloride		100	U	500	U	50	U	100	U	NA		10	U
Chloroethane		100	U	500	U	50	U	100	U	NA		10	U
Methylene Chloride		37	JB	170	JB	14	JB	1400		NA		1	JB
Acetone		190	B	360	JB	19	JB		E	23000	B	700	B
Carbon Disulfide		50	U	250	U	25	U	50	U	NA		5	U
1,1-Dichloroethene		50	U	250	U	6	J	50	U	NA		5	U
1,1-Dichloroethane		50	U	250	U	10	J	18	J	NA		5	U
1,2-Dichloroethene (total)		50	U	250	U	25	U	1700		NA		37	
Chloroform		19	J	1900		170		730		NA		12	
1,2-Dichloroethane		17	J	250	U	25	U	50	U	NA		5	U
2-Butanone		100	U	500	U	50	U	100	U	NA		10	U
1,1,1-Trichloroethane		50	U	250	U	120		50	U	NA		5	U
Carbon Tetrachloride		50	U	110	J	8	J	50	U	NA		5	U
Vinyl Acetate		100	U	500	U	50	U	100	U	NA		10	U
Bromodichloromethane		50	U	250	U	25	U	50	U	NA		5	U
1,2-Dichloropropane		50	U	250	U	25	U	50	U	NA		5	U
cis-1,3-Dichloropropene		50	U	250	U	25	U	50	U	NA		5	U
Trichloroethene		50	U	310		26		330		NA		13	
Dibromochloromethane		50	U	250	U	25	U	50	U	NA		5	U
1,1,2-Trichloroethane		50	U	250	U	25	U	50	U	NA		5	U
Benzene		50	U	250	U	25	U	330		NA		5	U
Trans-1,3-Dichloropropene		50	U	250	U	25	U	50	U	NA		5	U
Bromoform		50	U	250	U	25	U	50	U	NA		5	U
4-Methyl-2-pentanone		100	U	500	U	50	U	100	U	NA		10	U
2-Hexanone		100	U	500	U	50	U	100	U	NA		10	U
Tetrachloroethene		15	J	250	U	25	U	22	J	NA		8	
1,1,2,2-Tetrachloroethane		50	U	250	U	25	U	50	U	NA		5	U

*= Outside of EPA CLP QC limits.

V3

Cust ID:	FS-01B	FS-04	FS-05	FS-07	FS-07	FS-02
RFW#:	001	002	003	004	004 DL	005
Toluene	50 U	250 U	25 U	480	NA	5 U
Chlorobenzene	50 U	250 U	25 U	50 U	NA	5 U
Ethylbenzene	50 U	250 U	25 U	460	NA	5 U
Styrene	50 U	250 U	25 U	50 U	NA	5 U
Xylene (total)	50 U	250 U	25 U	2900	NA	5 U
Acetonitrile	200 U	200 J	25 J	200 U	NA	20 U

*= Outside of EPA CLP QC limits.

Volatiles by GC/MS, HSL List

RFW Batch Number: 8903L559 Client: FISHER SCIENTIFIC Work Order: 2408-02-12-0000 Report Date: 04/28/89 14:09 Page: 2a

Sample Information	Cust ID:	FS-02	FS-02	FS-03	FS-08P	FS-08P	FS-09P
	RFW#:	005 MS	005 MSD	006	007	007 DL	008
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	5000	2.00	200	5.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Surrogate Recovery	Toluene-d8	103 %	98 %	105 %	98 %	119 * %	108 %
	Bromofluorobenzene	98 %	89 %	106 %	100 %	125 * %	96 %
	1,2-Dichloroethane-d4	94 %	82 %	100 %	99 %	127 * %	101 %
Chloromethane		10 U	10 U	50000 U	20 U	NA	50 U
Bromomethane		10 U	10 U	50000 U	20 U	NA	50 U
Vinyl Chloride		10 U	10 U	50000 U	20 U	NA	50 U
Chloroethane		10 U	10 U	50000 U	20 U	NA	50 U
Methylene Chloride		5 B	4 JB	19000 JB	8 JB	NA	35 B
Acetone		660 B	640 B	92000 B	E	82000 B	1000 B
Carbon Disulfide		5 U	5 U	25000 U	10 U	NA	25 U
1,1-Dichloroethene		72 %	68 %	25000 U	10 U	NA	25 U
1,1-Dichloroethane		5 U	5 U	25000 U	10 U	NA	25 U
1,2-Dichloroethene (total)		36	5 U	25000 U	33	NA	19
Chloroform		12	12	5900 J	140	NA	36
1,2-Dichloroethane		5 U	5 U	25000 U	10 U	NA	29
2-Butanone		10 U	10 U	50000 U	20 U	NA	50 U
1,1,1-Trichloroethane		5 U	5 U	25000 U	10 U	NA	25 U
Carbon Tetrachloride		5 U	5 U	25000 U	10 U	NA	37
Vinyl Acetate		10 U	10 U	50000 U	20 U	NA	50 U
Bromodichloromethane		5 U	5 U	25000 U	10 U	NA	25 U
1,2-Dichloropropane		5 U	5 U	25000 U	10 U	NA	25 U
cis-1,3-Dichloropropene		5 U	5 U	25000 U	10 U	NA	25 U
Trichloroethene		113 %	79 %	25000 U	19	NA	39
Dibromochloromethane		5 U	5 U	25000 U	10 U	NA	25 U
1,1,2-Trichloroethane		5 U	5 U	25000 U	10 U	NA	25 U
Benzene		144 * %	142 * %	7000 J	10 U	NA	39
Trans-1,3-Dichloropropene		5 U	5 U	25000 U	10 U	NA	25 U
Bromoform		5 U	5 U	25000 U	10 U	NA	25 U
4-Methyl-2-pentanone		10 U	10 U	50000 U	4 J	NA	50 U
2-Hexanone		10 U	10 U	50000 U	20 U	NA	50 U
Tetrachloroethene		7	8	25000 U	10 U	NA	12 J
1,1,2,2-Tetrachloroethane		5 U	5 U	25000 U	10 U	NA	25 U

*= Outside of EPA CLP QC limits.

Cust ID:	FS-02	FS-02	FS-03	FS-08P	FS-08P	FS-09P
RFW#:	005 MS	005 MSD	006	007	007 DL	008
Toluene	100 %	102 %	25000 U	10	NA	25 U
Chlorobenzene	104 %	106 %	25000 U	10 U	NA	25 U
Ethylbenzene	5 U	5 U	25000 U	10 U	NA	25 U
Styrene	5 U	5 U	25000 U	10 U	NA	25 U
Xylene (total)	5 U	5 U	25000 U	5	NA	25 U
Acetonitrile	20 U	20 U	2500000	40 U	NA	100 U

*= Outside of EPA CLP QC limits.

Roy F. Weston, Inc. - Lionville Laboratory
Volatiles by GC/MS, HSL List
Report Date: 04/28/89 14:09

RFW Batch Number: 8903L559 Client: FISHER SCIENTIFIC Work Order: 2408-02-12-0000 Page: 3a

	Cust ID:	FS-11P		FS-12		FS-17		FS-18P		PW-02		PW-02DUP	
Sample Information	RFW#:	009		010		011		012		013		014	
	Matrix:	WATER		WATER		WATER		WATER		WATER		WATER	
	D.F.:	5.00		10.0		50.0		10.0		5.00		5.00	
	Units:	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Surrogate Recovery	Toluene-d8	102	%	91	%	102	%	98	%	99	%	103	%
	Bromofluorobenzene	102	%	100	%	111	%	99	%	103	%	104	%
	1,2-Dichloroethane-d4	100	%	93	%	77	%	98	%	99	%	101	%
Chloromethane		50	U	100	U	500	U	100	U	50	U	50	U
Bromomethane		50	U	100	U	500	U	100	U	50	U	50	U
Vinyl Chloride		50	U	100	U	490	J	100	U	50	U	50	U
Chloroethane		50	U	100	U	500	U	100	U	50	U	50	U
Methylene Chloride		19	JB	62		170	J	35	JB	20	JB	19	JB
Acetone		3100	B	38	JB	820	B	230	B	35	JB	34	JB
Carbon Disulfide		25	U	50	U	250	U	50	U	25	U	25	U
1,1-Dichloroethene		25	U	50	U	250	U	50	U	25	U	25	U
1,1-Dichloroethane		5	J	50	U	250	U	50	U	25	U	25	U
1,2-Dichloroethene (total)		35		95		1200		650		14		13	
Chloroform		25	U	540		370		770		310		280	
1,2-Dichloroethane		25	U	34	J	250	U	50	U	10	J	10	J
2-Butanone		50	U	100	U	500	U	100	U	50	U	50	U
1,1,1-Trichloroethane		25	U	50	U	250	U	50	U	23	J	22	J
Carbon Tetrachloride		25	U	990		250	U	780		13	J	10	J
Vinyl Acetate		50	U	100	U	500	U	100	U	50	U	50	U
Bromodichloromethane		25	U	50	U	250	U	50	U	25	U	25	U
1,2-Dichloropropane		25	U	50	U	250	U	50	U	25	U	25	U
cis-1,3-Dichloropropene		25	U	50	U	250	U	50	U	25	U	25	U
Trichloroethene		25	U	460		300		760		140		120	
Dibromochloromethane		25	U	50	U	250	U	50	U	25	U	25	U
1,1,2-Trichloroethane		25	U	50	U	250	U	50	U	25	U	25	U
Benzene		25	U	50	U	250	U	50	U	25	U	25	U
Trans-1,3-Dichloropropene		25	U	50	U	250	U	50	U	25	U	25	U
Bromoform		25	U	50	U	250	U	50	U	25	U	25	U
4-Methyl-2-pentanone		50	U	100	U	500	U	100	U	50	U	50	U
2-Hexanone		50	U	100	U	500	U	100	U	50	U	50	U
Tetrachloroethene		25	U	18	J	250	U	38	J	11	J	9	J
1,1,2,2-Tetrachloroethane		25	U	50	U	250	U	50	U	25	U	25	U

*= Outside of EPA CLP QC limits.

RFW Batch Number: 8903L559 Client: FISHER SCIENTIFIC Work Order: 2408-02-12-0000

Cust ID:	FS-11P	FS-12	FS-17	FS-18P	PW-02	PW-02DUP
RFW#:	009	010	011	012	013	014
Toluene	25 U	50 U	250 U	50 U	36	30
Chlorobenzene	25 U	50 U	250 U	58	25 U	25 U
Ethylbenzene	25 U	50 U	250 U	50 U	25 U	25 U
Styrene	25 U	50 U	250 U	50 U	25 U	25 U
Xylene (total)	25 U	50 U	250 U	50 U	25 U	25 U
Acetonitrile	100 U	200 U	1000 U	22 J	100 U	100 U

*= Outside of EPA CLP QC limits.

	Cust ID:	PW-02 F.B.		PW-02 F.B.		PW-02 T.B.		VBLK		VBLK4		VBLK	
Sample Information	RFW#:	015		015 DL		016		89LVY046-MB1		89LVY047-MB1		89LVY043-MB1	
	Matrix:	WATER		WATER		WATER		WATER		WATER		WATER	
	D.F.:	1.00		25.0		1.00		1.00		1.00		1.00	
	Units:	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Surrogate Recovery	Toluene-d8	95	%	98	%	102	%	105	%	102	%	93	%
	Bromofluorobenzene	89	%	94	%	99	%	107	%	112	%	95	%
	1,2-Dichloroethane-d4	93	%	94	%	96	%	103	%	100	%	94	%
			fl		fl		fl		fl		fl		fl
Chloromethane		10	U	NA		10	U	10	U	10	U	10	U
Bromomethane		10	U	NA		10	U	10	U	10	U	10	U
Vinyl Chloride		10	U	NA		10	U	10	U	10	U	10	U
Chloroethane		10	U	NA		10	U	10	U	10	U	10	U
Methylene Chloride		2	JB	NA		4	JB	2	J	5	U	2	J
Acetone			E	8700	B	5	JB	6	J	4	J	11	
Carbon Disulfide		5	U	NA		5	U	5	U	5	U	5	U
1,1-Dichloroethene		5	U	NA		5	U	5	U	5	U	5	U
1,1-Dichloroethane		5	U	NA		5	U	5	U	5	U	5	U
1,2-Dichloroethene (total)		5	U	NA		5	U	5	U	5	U	5	U
Chloroform		5	U	NA		5	U	5	U	5	U	5	U
1,2-Dichloroethane		5	U	NA		5	U	5	U	5	U	5	U
2-Butanone		10	U	NA		10	U	10	U	10	U	10	U
1,1,1-Trichloroethane		5	U	NA		5	U	5	U	5	U	5	U
Carbon Tetrachloride		5	U	NA		5	U	5	U	5	U	5	U
Vinyl Acetate		10	U	NA		10	U	10	U	10	U	10	U
Bromodichloromethane		5	U	NA		5	U	5	U	5	U	5	U
1,2-Dichloropropane		5	U	NA		5	U	5	U	5	U	5	U
cis-1,3-Dichloropropene		5	U	NA		5	U	5	U	5	U	5	U
Trichloroethene		5	U	NA		5	U	5	U	5	U	5	U
Dibromochloromethane		5	U	NA		5	U	5	U	5	U	5	U
1,1,2-Trichloroethane		5	U	NA		5	U	5	U	5	U	5	U
Benzene		5	U	NA		5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene		5	U	NA		5	U	5	U	5	U	5	U
Bromoform		5	U	NA		5	U	5	U	5	U	5	U
4-Methyl-2-pentanone		10	U	NA		10	U	10	U	10	U	10	U
2-Hexanone		10	U	NA		10	U	10	U	10	U	10	U
Tetrachloroethene		5	U	NA		5	U	5	U	5	U	5	U

RFW Batch Number: 8903L559 Client: FISHER SCIENTIFIC Work Order: 2408-02-12-0000 Page: 4b

	Cust ID: PW-02 F.B.	PW-02 F.B.	PW-02 T.B.	VBLK	VBLK4	VBLK
	RFW#: 015	015 DL	016	89LVY046-MB1	89LVY047-MB1	89LVY043-MB1
Toluene	5 U	NA	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	NA	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	NA	5 U	5 U	5 U	5 U
Styrene	5 U	NA	5 U	5 U	5 U	5 U
Xylene (total)	5 U	NA	5 U	5 U	5 U	5 U
Acetonitrile	20 U	NA	20 U	20 U	20 U	20 U

*= Outside of EPA CLP QC limits.

V18

Volatiles by GC/MS, Low Level

	Cust ID:	VBLK	VBLK
Sample Information	RFW#:	89LVY057-MB1	89LVY045-MB1
	Matrix:	WATER	WATER
	D.F.:	1.00	1.00
	Units:	UG/L	UG/L

	Toluene-d8	104	%	103	%
Surrogate	Bromofluorobenzene	101	%	98	%
Recovery	1,2-Dichloroethane-d4	94	%	94	%
			fl		fl
Chloromethane		10	U	10	U
Bromomethane		10	U	10	U
Vinyl Chloride		10	U	10	U
Chloroethane		10	U	10	U
Methylene Chloride		4	J	5	
Acetone		9	J	23	
Carbon Disulfide		5	U	5	U
1,1-Dichloroethene		5	U	5	U
1,1-Dichloroethane		5	U	5	U
1,2-Dichloroethene (total)		5	U	5	U
Chloroform		5	U	5	U
1,2-Dichloroethane		5	U	5	U
2-Butanone		10	U	10	U
1,1,1-Trichloroethane		5	U	5	U
Carbon Tetrachloride		5	U	5	U
Vinyl Acetate		10	U	10	U
Bromodichloromethane		5	U	5	U
1,2-Dichloropropane		5	U	5	U
cis-1,3-Dichloropropene		5	U	5	U
Trichloroethene		5	U	5	U
Dibromochloromethane		5	U	5	U
1,1,2-Trichloroethane		5	U	5	U
Benzene		5	U	5	U
Trans-1,3-Dichloropropene		5	U	5	U
Bromoform		5	U	5	U
4-Methyl-2-pentanone		10	U	10	U
2-Hexanone		10	U	10	U
Tetrachloroethene		5	U	5	U
1,1,2,2-Tetrachloroethane		5	U	5	U

*= Outside of EPA CLP QC limits.

Toluene	5 U	5 U
Chlorobenzene	5 U	5 U
Ethylbenzene	5 U	5 U
Styrene	5 U	5 U
Xylene (total)	5 U	5 U
Acetonitrile	20 U	20 U

*= Outside of EPA CLP QC limits.

4-12

MEMORANDUM

27 MAR 1987

To: Fisher Scientific Company, Fair Lawn, RCRA Facility Assessment file
From: Donna L. Gaffigan, HSMS IV DLG
Bureau of Site Assessment
Subject: Borough of Fair Lawn municipal wells

On Friday, February 27, 1987, I spoke to Mr. John L. Schneider, the Borough Engineer, about the five municipal wells that were closed in 1979 because of the presence of high levels of volatile organic chemicals. He said that three of these wells, nos. 3, 11, and 14 were reopened. The water is purified in an airstripping device prior to distribution. The air stripping device was provided, in part, by Fisher Scientific Company as payment of its restitution to the Borough for the contamination of the potable wells. The remaining two wells, nos. 23 and 24, may be abandoned, or, if approved by NJDEP, used for monitoring purposes.

HS:200

Attachment W
W-1

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, NEW JERSEY 08625

John W. Gaston, Jr.
Director

May 12, 1983

Mr. Frank Brady, Health Officer
Fair Lawn Health Department
Municipal Building
Borough of Fair Lawn, NJ 07410

Re: Private Well Sampling
Plaza Road N
Fair Lawn, NJ

Dear Mr. Brady:

On April 12 and 13, 1983, representatives from the Division of Water Resources (DWR) sampled the following private wells in Fair Lawn.

Well Location	Owner	Well Water Use	Sample No.
#381 Plaza Road	Bookstaber	Domestic	15840
#382 " "	Siegel	Domestic*	15837
#384 " "	Grant	Water Lawn	15836
#389 " "	Kahn	Domestic	15838

*The domestic well at 382 Plaza Road is not used for drinking. This residence is connected to city water.

The above wells were sampled in order to provide ground water quality data upgradient of the Fair Lawn Industrial Park. The analyses revealed less than 2 ppb of volatile organics in all wells, however, total hardness was excessive in each sample.

The DWR is requesting that you supply the residents with a copy of these results. If you have any questions concerning this matter, please contact me or Mr. Armando A. Arcenal at (201) 648-2200.

Very truly yours,

Robert E. Plumb
Assistant Chief
Region I
Enforcement Element

E122:G25

cc: Steve Spayd - DWR
Steve Croce - DWM

Attachments

BACKGROUND GW. QUALITY

NEW JERSEY — DEPARTMENT OF ENVIRON. PROTECTION

TABULATION OF ANALYTICAL DATA FROM PUBLIC WATER SUPPLY

Supply PRIVATE WELL — County BERGEN

Municipality FAIR LAWN — Date Collected 4-12-83

Collected by A. ARCENAC & H. WRIGHT — Memo # — Project # W-201

BACTERIOLOGICAL ANALYSES: Coliform organisms determined by the membrane filter technique are reported in colonies per 100 ml. Chlorine residuals are reported in ppm.

Sample Number	Point of Collection	TIME	~~Coliform Organisms~~ ~~Fecal~~	~~Total~~	Chlorine Residual Free	Total
15836	# 384 Plaza Road	9:30	GRANT RESIDENCE			
15837	# 382 Plaza Road	9:45	SIEGEL		"	
15838	# 389 " "	10:20	KAHN		"	

~~PHYSICAL~~ — CHEMICAL ANALYSES: Determinations are in ppm except color, odor, turbidity, and pH. Figures in parentheses are from the N. J. Potable Water Standards and/or National Interim Primary Regulations.

Sample Number	15836	15837	15838	Sample Number			
Color (10)		40 ✓	5 ✓	Arsenic (0.05)			
Odor (III)				Barium (1.0)			
Turbidity (5)		4.4	0.46 ✓	Cadmium (0.010)			
pH		7.2	8.2	Chromium^{+6} (0.05)			
Alkalinity to pH 4				Copper (1.0)			
Nitrate as NO_3 (45)				Cyanide (0.20)			
Chloride (250)				Lead (0.05)			
Total Dis. Solids (500)		382	232 ✓	Mercury (0.002)			
ABS/LAS (0.5)				Selenium (0.01)			
Total Hardness (150)	314 ✓	332 ✓	210 ✓	Silver (0.05)			
Total Iron (0.3)				Phenol (0.001)			
Manganese (0.05)	0.217 ✓	0.020 ✓	0.007 ✓	Endrin (0.0002)			
Sodium (50)	12.4 ✓	12.4 ✓	8.8 ✓	Lindane (0.004)			
Sulphate (250)			QNS ✓	Methoxychlor (0.1)			
Fluoride (2.0)				Toxaphene (0.005)			
Zinc (5.0)				2.4-D (0.1)			
V.O. Scan	2K ✓	2K ✓	2K ✓	Silvex (0.01)			
ppb							

RECEIVED
MAY 06 1983
DEPT. ENVIRONMENTAL PROTECTION
NEWARK OFFICE

REPORT SUBMITTED
APR 29 1983
[illegible] Environmental
Chemistry Laboratory

Remarks V.O. Blank No. C-42515

SHEET 1 — BUREAU OF POTABLE WATER

NEW JERSEY DEPARTMENT OF ENVIRON PROTECTION

TABULATION OF ANALYTICAL DATA FROM PUBLIC WATER SUPPLY

Supply PRIVATE WELL County BERGEN

Municipality FAIR LAWN Date Collected 4-13-83

Collected by H. WRIGHT 201 Memo # _____ Project # W- _____

BACTERIOLOGICAL ANALYSES: Coliform organisms determined by the membrane filter technique are reported in colonies per 100 ml. Chlorine residuals are reported in ppm.

15840

Sample Number	Point of Collection	TIME	Coliform Organisms Fecal	Coliform Organisms Total	Chlorine Residual Free	Chlorine Residual Total
15840	KITCHEN SINK	9:05				
	381 PLAZA RD - BOOKSTAVER RESIDENCE					

PHYSICAL – CHEMICAL ANALYSES: Determinations are in ppm except color, odor, turbidity, and pH. Figures in parentheses are from the N. J. Potable Water Standards and/or National Interim Primary Regulations.

Sample Number	15840			Sample Number			
Color (10) X	5 K			Arsenic (0.05)			
Odor (III)				Barium (1.0)			
Turbidity (5) X	0.37			Cadmium (0.010)			
pH	8.2			Chromium $^{+6}$ (0.05)			
Alkalinity to pH 4				Copper (1.0)			
Nitrate as NO_3 (45)				Cyanide (0.20)			
Chloride (250)				Lead (0.05)			
Total Dis. Solids (500) X	234			Mercury (0.002)			
ABS/LAS (0.5)				Selenium (0.01)			
Total Hardness (150) X	216			Silver (0.05)			
Total Iron (0.3)				Phenol (0.001)			
Manganese (0.05) X	0.005 K			Endrin (0.0002)			
Sodium (50) X	9.6			Lindane (0.004)			
Sulphate (250) X	45			Methoxychlor (0.1)			
Fluoride (2.0)				Toxaphene (0.005)			
Zinc (5.0)				2,4-D (0.1)			
				Silvex (0.01)			
VO SCAN X	2 K						
ppb							

RECEIVED MAY 06 1983 DEPT. ENVIRONMENTAL PROTECTION NEWARK OFFICE

REPORT SUBMITTED APR 29 1983 NJDOH Environmental Chemistry Laboratory

Remarks _____

SHEET 1 — BUREAU OF POTABLE WATER

X3

ROSCOE P. KANDLE, M.D., M.P.H.
State Commissioner of Health

RICHARD J. SULLIVAN, Director
Division of Clean Air and Water

State of New Jersey

DEPARTMENT OF HEALTH

JOHN FITCH PLAZA, P.O. BOX 1540, TRENTON, 08625

Air Pollution Control Code -
ORDER

Re: Air Pollution Control Code

To: Fisher Scientific Company
Corporation Trust Company, Registered Agent
15 Exchange Place
Jersey City, New Jersey

WHEREAS, the State Department of Health has determined by investigation(s) or inspection(s) made pursuant to the Provisions of the New Jersey Air Pollution Control Act, that on April 22, 1970, Fisher Scientific Company did cause, suffer, allow or permit smoke from fuel-burning equipment the shade or appearance of which was darker than Number 2 of the Ringelmann Smoke Chart, to be emitted into the open air on the premises known as 1 Reagan Lane, Block 4902, Lot 1, Fair Lawn Borough, Bergen County, New Jersey

in violation of Chapter(s) IV, Section(s) 2.1, of the New Jersey Air Pollution Control Code.

NOW THEREFORE, YOU ARE HEREBY ORDERED, to cease emitting smoke into the open air from fuel-burning equipment, the shade or appearance of which is darker than Number 2 of the Ringelmann Smoke Chart in violation of said code on premises owned, leased, operated, or maintained by you, on or before June 10, 1970.

STATE DEPARTMENT OF HEALTH OF THE STATE OF NEW JERSEY

Dated: May 23, 1970

cc: Fair Lawn Boro Bd. of Health
Metro Health District
Bergen County Coordinator

Richard J. Sullivan, Director
Division of Clean Air & Water
Department of Environmental Protection

ATTACHMENT R

State of New Jersey

JOHN W. GASTON JR., P.E.
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
CN 029
TRENTON, NEW JERSEY 08625

IN THE MATTER OF

FISHER SCIENTIFIC

COMPANY

****
* ADMINISTRATIVE *
* CONSENT *
* ORDER *
****

The following FINDINGS are made and ORDER is issued pursuant to the authority vested in the Commissioner of the New Jersey Department of Environmental Protection (NJDEP) by N.J.S.A. 13:1D-1 et seq. and the New Jersey Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq., and duly delegated to the Assistant Director of Enforcement of the Division of Water Resources pursuant to N.J.S.A. 13:1B-4.

FINDINGS

1. In 1978, the Borough of Fair Lawn discovered that two private non-potable wells located in the Fair Lawn Industrial Park contained volatile organic chemicals, including chloroform, 1,1,1-trichloroethane, carbon tetrachloride, and 16 other volatile organics. Subsequent sampling by the Borough of Fair Lawn revealed the presence of volatile organic chemicals in the Borough's Westmoreland potable wellfield at: Well No. 10, located at the southwest corner of 11th Street and Henderson Boulevard; Well No. 11 located at the northeast corner of Chester Street and Ontario Avenue; and Well No. 14, located at the southeast corner of Oak Street and Westmoreland Avenue. Two additional Borough potable wells near the Westmoreland wellfield were also found to contain volatile organic chemicals; Well Nos. 23 and 24 located off Pollitt Drive in the Fair Lawn Industrial Park. As a result of these findings these five wells were removed from service by the Borough.

Attachment C
C-1

2. NJDEP's Division of Water Resources (DWR) conducted an industrial survey in the Borough of Fair Lawn in an effort to identify industries using volatile organic chemicals, the handling, storage or disposal of which may have contributed to the presence of volatile organic chemicals in the wells identified in paragraph 1. As a result of this survey, Fisher Scientific Company (hereinafter Fisher), located at 1902 Nevins Road, Block 4902, Lot 1, in the Borough of Fair Lawn (hereinafter the site) was identified as one of these industries.

3. At the site, Fisher distills and repackages various laboratory reagents and clinical solutions, including solvents. The plant site contains a tank farm, warehouse facilities with loading and unloading areas, a storm water neutralization dry well and an area previously used for the storage of drums.

4. DWR conducted a comprehensive investigation of the site in conjunction with Fisher. This investigation included the installation and sampling of ground water monitor wells, analysis of ground water from the wells, collection and analysis of soil samples from borings and collection and analysis of samples from adjacent off-site wells. Based upon the findings of said investigation and other factors DWR concluded that the site is one of the sources of the volatile organic chemicals in the Borough's wells identified in paragraph 1.

5. Fisher expressed a desire to cooperate with the NJDEP to settle this matter. Therefore, based on the information available to the parties on the effective date of this ADMINISTRATIVE CONSENT ORDER and without trial or adjudication of any issues of fact or law and without Fisher's admission of liability or responsibility, NJDEP and Fisher have agreed to execute this ADMINISTRATIVE CONSENT ORDER.

ORDER

NOW THEREFORE IT IS HEREBY ORDERED AND AGREED THAT:

6. Fisher shall submit, within fifteen (15) days of the effective date of this ADMINISTRATIVE CONSENT ORDER, for approval by NJDEP, a soil boring and sampling plan designed to delineate all on-site sources of contamination. The plan shall contain, at a minimum:

a. the number, location and projected depth of each soil boring;

b. the sampling procedures to be implemented;

c. the field instrumentation and analytical sampling protocol; and

d. the quality assurance/quality control plan.

7. After Fisher submits the soil boring and sampling plan required by paragraph 6 of this ADMINISTRATIVE CONSENT ORDER, NJDEP shall review the plan. As part of the review process, NJDEP shall consider, at a minimum, the following factors:

a. size of the site;

b. known areas of on-site contamination;

c. site and regional hydrogeology;

d. acceptable professional practices;

e. established technology;

f. reliability of program;

g. implementability of program.

In the event that NJDEP determines that the plan is in need of modification, NJDEP shall submit its comments to Fisher. Within fifteen (15) days of its receipt of NJDEP's comments, Fisher shall modify the plan as necessary to conform with said comments and shall submit the modified plan to NJDEP for its approval. Within sixty (60) days of NJDEP's approval of the plan, Fisher shall have completely fulfilled all requirements of the approved plan.

8. Fisher shall install additional monitor wells on-site within ninety (90) days of the effective date of this ADMINISTRATIVE CONSENT ORDER as follows:

a. One (1) shallow well drilled to a depth of 40 feet shall be installed according to the Monitor Well Specifications on Attachment A. This shallow well shall be cased and sealed into competent bedrock with the open bedrock borehole extending to 40 feet below the ground surface.

b. Four (4) deep wells drilled to a depth of 100 feet shall be installed according to the Monitor Well Specifications on Attachment B. These deep wells shall be cased and sealed to a depth of 70 feet with the open bedrock boreholes extending to 100 feet below the ground surface.

c. The above described wells shall be installed at the general locations as indicated on Attachement C. The exact locations shall be mutually determined in the field by DWR and Fisher's consultant.

d. During drilling operations through the overburden, at wells which are located ten (10) feet or more beyond existing monitor wells, split spoon soil samples shall be obtained at five (5) foot intervals, at changes in soil strata, and at any zones that show obvious signs of contamination. At drilling locations within ten (10) feet of existing monitor wells, soil samples shall be obtained in the manner specified above but only at those depths beyond the depth of the adjacent well. The soil samples shall be saved for possible future reference and/or analysis.

e. Fisher shall notify Mr. Steven Spayd of the New Jersey Geological Survey at (609) 292-0668 or an appropriate representative of the New Jersey Geological Survey if Mr. Spayd is unavailable, at least ten (10) days in advance of the date of installation. The above wells shall be installed by a New Jersey licensed well driller with the appropriate permits obtained from the DWR's Water Allocation Unit at (609) 984-6831. All well casing elevations shall be surveyed to the nearest hundredth (0.01) foot above mean sea level.

9. Fisher shall collect water samples from all of the new and existing on-site monitor and production wells within thirty (30) days after installation of the new wells. Sampling shall be conducted as described in the Ground Water Sampling section of DWR's Field Procedure Manual for Water Data Acquisition (see Attachment D). These water samples shall be analyzed at a laboratory certified by NJDEP for the following parameters:

Total Dissolved Solids

Total Organic Carbon

Volatile Organic Scan

C-4

24

The volatile organic scan shall be performed as defined by USEPA Test Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater EPA - 600/4-82-057, July 1982, method 624. If NJDEP determines that the concentration of Total Organic Carbon (TOC) is excessive in relation to the volatile organic chemical concentration, Fisher shall conduct additional analytical work to determine the nature of the contaminants.

10. The above described sampling program shall be performed by Fisher on a quarterly basis. After one (1) year NJDEP shall evaluate the existing sampling program and shall determine if the program requires modification. If NJDEP determines that such modification is required, Fisher shall implement all measures included in the modified program. All analytical results generated by the existing program or any modified program shall be submitted to DWR within forty-five (45) days of sample collection. DWR shall be advised of proposed sampling dates at least ten (10) days in advance and may elect to split samples with Fisher.

11. Fisher shall submit a hydrogeologic report to NJDEP for its approval within one hundred and ninety-five (195) days of the effective date of this ADMINISTRATIVE CONSENT ORDER. The report shall be prepared by a qualified hydrogeologic consultant and contain the following information:

a. The analytical results of all samples required in this ADMINISTRATIVE CONSENT ORDER;

b. Details of the completed soil boring plan;

c. Drilling logs and as-built construction diagrams for each soil boring and monitor well;

d. Well casing elevations;

e. Monthly static water level elevation measured to the nearest hundredth (0.01) foot in each monitor well;

f. Ground water contour map(s).

g. Conclusions concerning the type(s) and location(s) of on-site sources of contamination and ground water flow mechanisms, rate(s) and direction(s) (both horizontal and vertical).

12. After Fisher submits the hydrogeologic report required by paragraph 11 of this ADMINISTRATIVE CONSENT ORDER, NJDEP shall review the report. In the event that NJDEP determines that the report is in need of modification, NJDEP shall submit its comments to Fisher. Within twenty-one (21) days of its receipt of NJDEP's comments, Fisher shall modify the report to conform with said comments and shall submit the modified report to NJDEP for its approval.

13. Fisher shall within one hundred twenty (120) days after receiving NJDEP's approval of the hydrogeologic report, conduct and submit to NJDEP, for its review and approval: (1) a feasibility study of remedial action alternatives for the site, and; (2) a detailed remedial action plan, including a time schedule, to implement the selected alternative. The time schedule shall include beginning and end dates for each major component of the remedial action plan. The feasibility study shall identify and evaluate all remedial action alternatives for the site. The feasibility study shall recommend the cost effective remedial action alternative which is technologically feasible and reliable and which effectively mitigates and minimizes damage to and provides adequate protection of the public health, welfare, and the environment. For the purposes of evaluating the alternatives, it shall be assumed that the air stripping unit and related appurtenances to be utilized by the Borough of Fair Lawn for the treatment of the five potable water wells identified in paragraph 1 shall be in operation for a period no longer than ten (10) years beginning on July 1, 1984.

All remedial action alternatives shall be subjected to an initial screening to narrow the list of potential remedial action alternatives for further detailed analysis. The following criteria shall be used in the initial screening of alternatives: (1) environmental and public health impacts, (2) engineering feasibility and reliability and (3) cost including operation and maintenance costs.

Subsequently, a more detailed evaluation shall be conducted of the alternatives that remain after the initial screening. The detailed analysis shall include:

a. A refinement and specification of each alternative in detail, with emphasis on use of established technology;

b. An evaluation of each alternative in terms of engineering implementation including feasibility, reliability, and constructability;

c. An assessment of each alternative in terms of the extent to which it is expected to effectively mitigate and minimize damage to, and provide adequate protection of public health and welfare and the environment, relative to the other alternatives analyzed;

d. An analysis of any adverse environmental impacts, methods for mitigating these impacts and costs of mitigation;

e. A cost estimation (±25 - 30%) of each alternative including engineering costs, construction costs, operation and maintenance costs and distribution of costs over time; and

f. A time schedule for implementation of each alternative. The time schedule shall include estimated beginning and end dates for the major components of each alternative.

14. In the event that NJDEP determines that the feasibility study or the remedial action plan is in need of modification, NJDEP shall submit its comments to Fisher. Within forty-five (45) days of its receipt of NJDEP's comments, Fisher shall modify the study and/or plan as necessary to conform with said comments and shall submit the modified study and/or plan to NJDEP for its approval. After receiving NJDEP's approval of the remedial action alternative and the remedial action plan, Fisher shall initiate and complete the plan in accordance with the approved time schedule. Delays not caused by Fisher in obtaining permits for the implementation of said plan shall be considered a Force Majeure event.

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15. Fisher shall within thirty (30) days of the effective date of this ADMINISTRATIVE CONSENT ORDER issue a certified check to the NJDEP payable to the Borough of Fair Lawn in the amount of $247,000. Said payment shall represent Fisher's share of restitution to the Borough for additional expenses incurred or to be incurred by the Borough during the time period from January 1, 1979 to July 1, 1984 as a result of the contamination of the five potable water wells identified in paragraph 1. Said payment shall not be construed as a penalty.

16. Fisher shall within one hundred and twenty (120) days of the effective date of this ADMINISTRATIVE CONSENT ORDER issue a certified check to the NJDEP payable to the Borough of Fair Lawn in the amount of $253,000. Said payment shall represent Fisher's share of the cost of the design and construction of an air stripping unit and related appurtenances to be utilized by the Borough for treatment of the five contaminated potable water wells identified in paragraph 1. Said payment shall not be construed as a penalty.

17. Fisher shall within one hundred and eighty (180) days of the effective date of this ADMINISTRATIVE CONSENT ORDER issue a certified check to the NJDEP payable to the Borough of Fair Lawn in the amount of $110,000. Said payment shall represent Fisher's share of the cost estimated to be incurred by the Borough for the operation and maintenance of the air stripping unit and related appurtenances over a ten (10) year period. Said payment shall not be construed as a penalty.

18. a. Fisher shall within thirty (30) days after the effective date of this ADMINISTRATIVE CONSENT ORDER, obtain and provide to NJDEP an irrevocable letter of credit in the amount of $2 million to secure performance of all obligations under this ADMINISTRATIVE CONSENT ORDER. Said letter of credit shall be issued pursuant to the provisions of N.J.S.A. 17:9A-25(3) and shall not be automatically renewable but shall be renewable upon reapplication and review only. Fisher shall maintain said letter of credit continually during the term of this ADMINISTRATIVE CONSENT ORDER.

Fisher shall within thirty (30) days after approval of a remedial action alternative by NJDEP pursuant to paragraph 14 of this ADMINISTRATIVE CONSENT ORDER amend the letter of credit to an amount equal to the estimated cost of fully implementing the approved alternative, including any operation and maintenance costs if applicable.

b. Fisher shall within thirty (30) days after the effective date of this ADMINISTRATIVE CONSENT ORDER, establish a standby trust fund. All amounts paid pursuant to a draft by NJDEP shall be deposited promptly and directly by the issuing institution into said standby trust fund. In the event that NJDEP determines that Fisher has failed to perform any of its obligations under this ADMINISTRATIVE CONSENT ORDER, NJDEP may draw on the letter of credit; provided however that before any draw can be made, NJDEP shall notify Fisher in writing of the obligation(s) which it has not performed, and Fisher shall have a reasonable time, not to exceed fifteen (15) days to perform such obligation(s)..

c. At any time, Fisher may apply to NJDEP for approval to reduce the amount of the letter of credit to reflect the remaining costs of performing its obligations under this ADMINISTRATIVE CONSENT ORDER, or to substitute other financial assurances in a form and manner acceptable to NJDEP.

19. Any submission of information required by this ADMINISTRATIVE CONSENT ORDER shall be mailed to:

Peter T. Lynch, Chief
Metro Region
Enforcement Element
Division of Water Resources
1100 Raymond Boulevard - Room 510
Newark, New Jersey 07102

20. Fisher hereby consents to and agrees to comply with all the terms and provisions of this ADMINISTRATIVE CONSENT ORDER, which shall be fully enforceable in the Superior Court of New Jersey having jurisdiction over the subject matter and signatory parties, upon the filing of a summary action for compliance pursuant to N.J.S.A. 58:10A-1 et seq. and also may be enforced in the same fashion as an Administrative Order issued by the NJDEP pursuant to this same statutory authority.

21. This ADMINISTRATIVE CONSENT ORDER shall not preclude the NJDEP from taking whatever action it deems appropriate to enforce the water pollution control laws of the State of New Jersey in any manner not inconsistent with the terms of this ADMINISTRATIVE CONSENT ORDER. Nothing in this ADMINISTRATIVE CONSENT ORDER shall constitute a waiver of any statutory right of NJDEP pertaining to any of the laws of the State of New Jersey, should NJDEP determine that additional remedial actions are necessary to protect the public health, safety or welfare.

22. The provisions of this ADMINISTRATIVE CONSENT ORDER shall be binding on Fisher, its subsidiaries and divisions and their respective directors, officers, employees, agents, successors and assigns and any trustee in bankruptcy or receiver appointed pursuant to law or equity.

23. No obligations imposed by this ADMINISTRATIVE CONSENT ORDER are intended to constitute a debt, damage claim, penalty or other civil action which should be limited or discharged in a bankruptcy proceeding. All obligations imposed by this ADMINISTRATIVE CONSENT ORDER shall constitute continuing regulatory obligations imposed pursuant to the police powers of the State of New Jersey, intended to protect the public health, safety and welfare.

24. Force Majeure. If any event occurs which purportedly causes or may cause delays in the achievement of any provision of this ADMINISTRATIVE CONSENT ORDER, Fisher shall notify NJDEP in writing within ten business days of the delay or anticipated delay, as appropriate, describing the anticipated length, precise cause or causes, measures taken or to be taken, and the time required to minimize the delay. Fisher shall adopt all reasonable necessary measures to prevent or minimize delay. Failure by Fisher to comply with the notice requirements of this paragraph shall render this Force Majeure provision void and of no effect as to the particular incident involved.

If the delay or anticipated delay has been or will be caused by fire, flood, riot, strike, or any circumstances alleged to be beyond the control of Fisher, then the time for performance hereunder shall be extended, subject to the approval of NJDEP, no longer than the delay resulting from such circumstances. However, if the events causing such delay are not found to be beyond the control of Fisher, failure to comply with the provisions of this ADMINISTRATIVE CONSENT ORDER shall not be excused as herein provided and shall constitute a breach of the ADMINISTRATIVE CONSENT ORDER's requirements. The burden of proving that any delay is caused by circumstances beyond the control of Fisher and the length of such delay attributable to those circumstances shall rest with Fisher. Delay in an interim requirement shall not automatically justify or excuse delay in the attainment of subsequent requirements.

25. Compliance with the terms of this ADMINISTRATIVE CONSENT ORDER shall not excuse Fisher from compliance with all applicable federal and state statutes and regulations while carrying out the obligations imposed by this ADMINISTRATIVE CONSENT ORDER.

26. All data and information, including raw sampling and monitoring data, generated pursuant to this ADMINISTRATIVE CONSENT ORDER by Fisher or on behalf of Fisher, shall be made available to NJDEP or a person acting on behalf of NJDEP.

27. No informal advice, guidance, suggestions, or comments by NJDEP or persons acting on behalf of NJDEP shall be construed as relieving Fisher of its obligation to obtain formal approvals as may be required herein, unless such formal approvals shall be submitted to Fisher in writing.

28. For and in consideration of Fisher's compliance with the provisions of this ADMINISTRATIVE CONSENT ORDER, the State of New Jersey, Department of Environmental Protection, hereby releases Fisher, its subsidiaries and divisions and their respective directors, officers, employees, agents, successors and assigns (hereinafter "Fisher et al.") from any and all civil actions, claims, demands and causes of action: 1) directly associated with or arising out of the presence, as of the effective date of this ADMINISTRATIVE CONSENT ORDER, of 1,1,1 trichloroethane, chloroform, tetrachloroethylene, carbon tetrachloride, trichloroethylene, 1,1 dichloroethane, 1,2 dichloroethane, 1,1 dichloroethylene, 1,2 dichloroethylene, bromoform, methylene chloride and bromodichloromethane, which are all of the contaminants which are known by NJDEP to have been detected, in the five potable water wells identified in paragraph 1; 2) for the presence at the site of any contaminants remedied by the remedial actions taken pursuant to paragraph 14; and 3) directly associated with or arising out of the presence of any other contaminants in any of the five potable water wells identified in paragraph 1, provided that the presence of such other contaminants does not render any of the five water wells non-potable after treatment by the air stripping unit and related appurtenances to be utilized by the Borough of Fair Lawn and provided that the presence or treatment of such other contaminants does not result in any unreimbursed additional cost to the Borough of Fair Lawn; provided, however, that NJDEP reserves its right: i) to proceed against Fisher et al. for any violations of this ADMINISTRATIVE CONSENT ORDER and: ii) to require Fisher et al. to take additional remedial actions should the NJDEP determine that such actions are necessary to protect the public health, safety and welfare.

29. Upon execution of this ADMINISTRATIVE CONSENT ORDER, NJDEP waives its right to seek civil penalties against Fisher et al. for the contaminants covered in clauses 1, 2 and 3 of paragraph 28 up to the effective date of this ADMINISTRATIVE CONSENT ORDER; provided, however, that NJDEP reserves the right to seek civil penalties against Fisher et al. for any violations of this ADMINISTRATIVE CONSENT ORDER.

30. Wherever this ADMINISTRATIVE CONSENT ORDER requires by its terms that NJDEP make a determination or give approval, such determination or grant or denial of approval shall not be arbitrary or capricious or unreasonable.

31. When this ADMINISTRATIVE CONSENT ORDER becomes effective, Fisher waives its right to any hearing on the entry of this ADMINISTRATIVE CONSENT ORDER and any of its terms; provided however, that Fisher preserves all of its rights with respect to the interpretation of this ADMINISTRATIVE CONSENT ORDER and any claim that it has violated the terms of this ADMINISTRATIVE CONSENT ORDER.

32. Upon Fisher's performance of all its obligations under this ADMINISTRATIVE CONSENT ORDER, including all monitoring and maintenance requirements, NJDEP shall terminate this ADMINISTRATIVE CONSENT ORDER.

This ADMINISTRATIVE CONSENT ORDER shall take effect upon the signature of both parties.

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BY AUTHORITY OF
JOHN W. GASTON, JR.
DIRECTOR
DIVISION OF WATER RESOURCES

DATE 3/21/84

BY: George G. McCann

GEORGE G. McCANN
ASSISTANT DIRECTOR
ENFORCEMENT ELEMENT

DATE 3/19/84

FISHER SCIENTIFIC COMPANY

BY: Thomas P. Lawton

THOMAS P. LAWTON
PRESIDENT

Fisher Scientific

1 Reagent Lane
Fair Lawn, N.J. 07410
(201) 796-7100

CERTIFIED MAIL NO: Z 072 343 182
RRR

February 23, 1995

NJDEP, Bureau of Revenue
ATTN: Hazardous Waste Regulation Program
CN 417
Trenton, New Jersey 08625-0417

RE: **1994 ANNUAL HAZARDOUS WASTE REPORT**
FISHER SCIENTIFIC COMPANY
FAIR LAWN, NEW JERSEY
NJD 004 362 059

Dear Sir or Madam:

Enclosed, please find the 1994 Annual Hazardous Waste Report (Report) for Fisher Scientific Company's Fair Lawn (NJD 004 362 059), New Jersey facility. A check in the amount of four hundred dollars ($400.00) is attached for fee payment.

Should you have any questions concerning the Report, please contact me at (201) 703-3191.

Sincerely,

FISHER SCIENTIFIC COMPANY

JoAnn M. Koch
Regulatory Specialist

attachment

bcc. R. Iler
M. Jasko (w/o attachment)
A. Pantazes (w/o attachment)
T. Tisa
F. Von Rein (w/o attachment)

REGULATORY AFFAIRS: INTERNAL SIGNOFF SHEET

ITEM BEING SIGNED OFF: Hazardous Waste Annual Report - Fair Lawn - Due to NJDEP 3/1/95

REGULATORY AFFAIRS MGR: Ann Patel DATE: 2/23/95

OPERATIONS AREA MGR: M. Jacks DATE: 2/22/95

ENGINEER/MAINT. MGR: _____ DATE: _____

:kk

CHEMICAL DIVISION 1 REAGENT LANE FAIR LAWN, NJ 07410 No. 008645

VOUCHER NO.	VENDOR INVOICE DATE	VENDOR INVOICE NUMBER	VENDOR INVOICE AMOUNT	DISCOUNT	PAYMENT AMOUNT
259370	02/13/95	FLHAZWST94	400.00	0.00	400.00

DETACH BEFORE DEPOSITING

TOTAL PAID → 400.00

Fisher Scientific
CHEMICAL DIVISION
1 REAGENT LANE
FAIR LAWN, NJ 07410

FIRST FIDELITY BANK, N.A., NEW JERSEY
FAIRLAWN, NEW JERSEY

No. 008645

55-1
212

CHECK DATE	CHECK NO.	CHECK AMOUNT
02/14/95	00078540	******400.00

FOUR HUNDRED AND 00/100 ********

TREASURER-STATE OF NEW JERSEY
NJDEPE BUREAU OF REVENU
CN411
TRENTON, N.J.
08625-0417

$50.00 OR LESS REQUIRES ONE SIGNATURE

AUTHORIZED SIGNATURE

⑈008645⑈ ⑆021200025⑆ 842 640073 4⑈

Site Name Fisher Scientific Company
1 Reagent Lane
Fair Lawn, NJ 07410

EPA ID No. N J D 0 0 4 3 6 2 0 5 9

OFFICIAL USE ONLY	
Ann. Fee	
RA	
Date	
Rec'd By	

1994 FEE VERIFICATION FORM

INSTRUCTIONS: Complete the below fee category information. If your site is required to submit a report and a fee, attach the check where indicated and return this page with your report. When submitting multiple reports, each site will require a separate Fee Verification Form; however, any fees owed may be combined into one check.

Attach check here (do not send cash)

Make Payable to: Treasurer State of New Jersey
Mail Report to: NJDEP, Bureau of Revenue
Attention: Hazardous Waste Regulation Program
CN 417
Trenton, New Jersey 08625-0417

Fee Category

☐	No Fee	This site was a transporter of waste oil only from exempt or small quantity generators; or This site was not a NJ large quantity generator; or This site (company) manifested less than 1.33 tons of hazardous waste for the calendar year.
☐	$125.00	This site (company) manifested 1.33 tons or more of hazardous waste but less than 10 tons of hazardous waste during the calendar year.
☐	$180.00	This site (company) manifested 10 tons or more of hazardous waste but less than 100 tons of hazardous waste during the calendar year.
☐	$300.00	This site (company) manifested 100 tons or more of hazardous waste but less than 150 tons of hazardous waste during the calendar year.
☒	$400.00	This site (company) manifested 150 tons or more of hazardous waste during the calendar year.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
FAIR LAWN, NEW JERSEY

EPA ID NO: N J D | 0 0 4 | 3 6 2 | 0 5 9 |

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1994 Hazardous Waste Report

FORM **IC**

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 9 of the 1994 Hazardous Waste Report booklet before completing this form.

Sec. I Site name and location address. Complete A through H. Instruction page 10.

A. EPA ID No. N J D | 0 0 4 | 3 6 2 | 0 5 9 |

B. County: BERGEN

C. Site/company name: FISHER SCIENTIFIC COMPANY

D. Has the site name associated with this EPA ID changed since 1993?
☐ 1 Yes
XX 2 No

E. Street name and number. If not applicable, enter industrial park, building name, or other physical location description.
1 Reagent Lane

F. City, town, village, etc.: Fair Lawn

G. State: N J

H. Zip Code: 07410 | | | | - | | | |

Sec. II Mailing address of site. Instruction page 10.

A. Is the mailing address the same as the location address?
☐ 1 Yes (SKIP TO SEC. III)
☐ 2 No (GO TO BOX B)

B. Number and street name of mailing address

C. City, town, village, etc.

D. State | |

E. Zip Code | | | | | - | | | | |

Sec. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 10.

A. Please print: Last Name: Koch; First Name: JoAnn; M.I.: M

B. Title: Regulatory Specialist

C. Telephone: 2 0 1 | 7 9 6 - 7 1 0 0
Extension | | | |

Sec. IV I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Please print: Last Name: JASKO; First Name: MARK; M.I.:

B. Title: PLANT MANAGER

C. Signature: Mark Jasko

D. Date of signature: 2 2 | 0 2 | 9 5
MO. DAY YR.

Over →

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
FAIR LAWN, NEW JERSEY

EPA ID NO: NJD 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1994 Hazardous Waste Report

FORM OI

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: NJD 089 216 790

B. Name of off-site installation or transporter: ChemicalWaste Management of New Jersey, Inc.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
Street: 100 Lester Ave
City: Newark
State: NJ Zip: 07105

Site 2

A. EPA ID No. of off-site installation or transporter: NYD 000 632 372

B. Name of off-site installation or transporter: BDT

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
Street: 4255 Research Parkway
City: Clarence
State: NY Zip: 14031

Site 3

A. EPA ID No. of off-site installation or transporter: WVD 980 107 600

B. Name of off-site installation or transporter: Carbon Regeneration Inc.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of generator
Street: 1000 DuPont Road, Bldg. 170
City: Morgantown
State: WV Zip: 26505

Site 4

A. EPA ID No. of off-site installation or transporter: PAD 084 770 023

B. Name of off-site installation or transporter: Chemical Leaman Tank Lines

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of generator
Street: P.O. Box 2128
City: Westover
State: WV Zip: 20502

Site 5

A. EPA ID No. of off-site installation or transporter: NYD 049 836 719

B. Name of off-site installation or transporter: Chemical Waste Mgmt Chemical Services, Inc.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
Street: 1550 Balmer Road
City: Model City
State: NY Zip: 14107

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
FAIR LAWN, NEW JERSEY

EPA ID NO: N J D 0 0 4 3 6 2 0 5 9

FORM OI

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1994 Hazardous Waste Report

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: N J D 0 8 9 2 1 6 7 9 0

B. Name of off-site installation or transporter: ChemicalWaste Management of New Jersey, Inc.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
Street: 100 Lester Ave
City: Newark
State: N J Zip: 0 7 1 0 5

Site 2

A. EPA ID No. of off-site installation or transporter: N Y D 0 0 0 6 3 2 3 7 2

B. Name of off-site installation or transporter: BDT

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
Street: 4255 Research Parkway
City: Clarence
State: N Y Zip: 1 4 0 3 1

Site 3

A. EPA ID No. of off-site installation or transporter: W V D 0 9 8 1 0 0 7 6 0 0

B. Name of off-site installation or transporter: Carbon Regeneration Inc.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of generator
Street: 1000 DuPont Road, Bldg. 170
City: Morgantown
State: W V Zip: 2 6 5 0 5

Site 4

A. EPA ID No. of off-site installation or transporter: P A D 0 8 4 7 7 0 0 2 3

B. Name of off-site installation or transporter: Chemical Leaman Tank Lines

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of generator
Street: P.O. Box 2128
City: Westover
State: W V Zip: 2 0 5 0 2

Site 5

A. EPA ID No. of off-site installation or transporter: N Y D 0 4 9 8 3 6 6 7 9

B. Name of off-site installation or transporter: Chemical Waste Mgmt Chemical Services, Inc.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
Street: 1550 Balmer Road
City: Model City
State: N Y Zip: 1 4 1 1 0 7

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
~~FAIR LAWN, NEW JERSEY~~

EPA ID NO: NJD 004 362 059

FORM OI

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1994 Hazardous Waste Report

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: ILD 019 919 202 618 1

B. Name of off-site installation or transporter: CHEMICAL WASTE MANAGEMENT, INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of generator
Street: 41-85 Doremus Avenue
City: Newark
State: NJ Zip: 07105-

Site 2

A. EPA ID No. of off-site installation or transporter: NJD 010 124 154 144

B. Name of off-site installation or transporter: Marisol Inc.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
Street: 125 Factory Lane
City: Middlesex
State: NJ Zip: 08846-

Site 3

A. EPA ID No. of off-site installation or transporter: NJD 091 911 219 111 518 14

B. Name of off-site installation or transporter: Environmental Transport Group, Inc.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of generator
Street: ~~1 Eden Lane~~
City: ~~Flanders~~
State: NJ Zip: 07836-

Site 4

A. EPA ID No. of off-site installation or transporter: NJD 091 810 513 166 519 13

B. Name of off-site installation or transporter: Advanced Environmental Technology Corp

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
Street: 1 Eden Lane
City: Flanders
State: NJ Zip: 07836-

Site 5

A. EPA ID No. of off-site installation or transporter: ILD 019 181 614 124 124 14

B. Name of off-site installation or transporter: Trade Waste Incineration

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
Street: 7 Mobile Avenue
City: Sauget
State: IL Zip: 62201-1061 9

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
FAIR LAWN, NEW JERSEY

EPA ID NO: NJD 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

FORM OI

1994 Hazardous Waste Report

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: ALD 000 612 464

B. Name of off-site installation or transporter: Chemical Waste Management Inc.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
Street: Alabama Hwy 17 at Milemarker 163
City: Emelle
State: AL Zip: 35459

Site 2

A. EPA ID No. of off-site installation or transporter: MAD 053 452 637

B. Name of off-site installation or transporter: Clean Harbors of Braintree Inc.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
Street: 385 Quincy Avenue
City: Braintree
State: MA Zip: 021184

Site 3

A. EPA ID No. of off-site installation or transporter: MAD 039 322 250

B. Name of off-site installation or transporter: Clean Harbors Environmental Services, Inc.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of generator
Street: 100 Joseph St., PO Box 193
City: Kingstown
State: MA Zip: 02136

Site 4

A. EPA ID No. of off-site installation or transporter:

B. Name of off-site installation or transporter:

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of generator
Street:
City:
State: Zip:

Site 5

A. EPA ID No. of off-site installation or transporter:

B. Name of off-site installation or transporter:

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of generator
Street:
City:
State: Zip:

Comments:

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3619 0159

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1994 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
VARIOUS HAZARDOUS CHEMICALS RESULTING FROM EXPIRED RETENTION SAMPLES OR LABORATORY WASTES

B. EPA hazardous waste code Page 19.
LABP | NA | NA | NA | NA

C. State hazardous waste code Page 19.
NA | NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
28619	1 / M NA	A 58	1	B 001	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
10344.0	3759.6	1 ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	ILD 098 642 424	M 049	1	3759.6
Site 2	NA	M NA		NA

Sec. IV A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23. ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 26.
W 19 W 29 / W NA W NA	☐ 1 Yes ☒ 2 No	NA	NA	6500.0

Comments: Sec. I, Box F. - A94; Sec. IV, Box B - Modified Sample Plan

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3629 0579

FORM GM

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
VARIOUS HAZARDOUS CHEMICALS PRODUCED FROM EXPIRED RETENTION SAMPLES OR LABORATORY WASTE.

B. EPA hazardous waste code Page 19.
LABP | NA | WA | NA | NA

C. State hazardous waste code Page 19.
WA | NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M NA	A 58	1	B 001	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
22197.0	7014.0	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III

A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	NJD 980 536 593	M 141	1	140.0
Site 2	NJD 089 216 790	M 141	1	6874.0

Sec. IV

A. Did new activities in 1994 result in minimization of this waste: ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (THIS FORM IS COMPLETE) Instruction Page 23.

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 26.
W 12 / W 29 / W NA / W NA	☐ 1 Yes ☒ 2 No	NA	NA	15000.0

Comments: SEC. IV, BOX B - MODIFIED SAMPLE PLAN (QA/QC)

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3629 0519

FORM GM

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
VARIOUS CHEMICALS FROM PRODUCTION-BASED CLEANUPS OR DEBRIS

B. EPA hazardous waste code Page 19.
LABP | NA | NA | NA | NA

C. State hazardous waste code Page 19.
NA | NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M NA	A 53	1	B 0002	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
23802.0	1554.9	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	NJD 089 216 790	M 14	1	808.0
Site 2	ILD 098 642 424	M 049	1	746.9

Sec. IV A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 25.
W NA / W NA / W NA / W NA	☐ 1 Yes ☐ 2 No	NA	NA	NA

Comments: Sec. I, Box F. - A91, A92

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3693 0159

FORM GM

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
VARIOUS CHEMICALS FROM PRODUCTION CLEANUP OR DEBRIS

B. EPA hazardous waste code Page 19.
LABP | NA | NA | NA | NA

C. State hazardous waste code Page 19.
NA | NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M NA	A 53	1	B 002	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	600	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	NJD 980 536 593	M 141	1	60.0
Site 2	NA	M NA		NA

Sec. IV A. Did new activities in 1994 result in minimization of this waste: ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 25.	F. 1994 source reduction quantity Page 26.
W NA W NA W NA W NA	☐ 1 Yes ☐ 2 No	NA	NA	NA

Comments: SEC. 1, BOX F - A91, A92

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3629 0519

FORM GM

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
VARIOUS ACUTELY HAZARDOUS CHEMICALS FROM EXPIRED SAMPLES OR LAB WASTE

B. EPA hazardous waste code Page 19.
LABP | NA | NA | NA | NA

C. State hazardous waste code Page 19.
NA | NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	/ M NA	A 58	/	B 004	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
7760	2741	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III

A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	NJD 089 216 790	M 141	1	156.0
Site 2	ILD 098 642 424	M D49	1	118.1

Sec. IV

A. Did new activities in 1994 result in minimization of this waste: ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (THIS FORM IS COMPLETE) Instruction Page 23.

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 26.
W 12 W 29 W NA W NA	☐ 1 Yes ☒ 2 No	NA	NA	7500.0

Comments: SEC. I, BOX F - A94 ; SEC. IV, BOX B - MODIFIED SAMPLE PLAN (QA/QC)

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3612 0159

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1994 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I A. Waste description - Instruction page 18. CONTAMINATED GROUNDWATER WITH ORGANIC SOLVENTS, TOXIC

B. EPA hazardous waste code Page 19.
D018 D019
D022 D028 D040

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	2 / M NA	A 69	1	B 101	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
50000	10950	5 8.00	1 Yes (CONTINUE TO SYSTEM 1)
		X 1 lbs/gal ☐ 2 sg	X 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1994 Instruction Page 23. X 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	MAD 053452637	M 141	1	880.0
Site 2	NJD 089216790	M 141	1	165.0

Sec. IV A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23. ☐ 1 Yes (CONTINUE TO SYSTEM 1) X 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 26.	F. 1994 source reduction quantity Page 26.
W NA W NA W NA W NA	☐ 1 Yes ☐ 2 No	NA	NA	NA

Comments: Sec. I, Box B - F039

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3619 0517

FORM GM

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
ACID SOLUTIONS FROM LAB OR PRODUCTION CORROSIVE + TOXIC, ACIDS + METALS

B. EPA hazardous waste code Page 19.
D002 D004
D005 D006 D007

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M NA	A 94	1	B 103	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
7765.0	4298.0	5 8.00	☒ 1 lbs/gal ☐ 2 sg

☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III

A. Was any of this waste shipped off-site in 1994 Instruction Page 23.
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	MAD 053452 637	M 141	1	4133.0
Site 2	NJD 089 216 790	M 141	1	165.0

Sec. IV

A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23.
☒ 1 Yes (CONTINUE TO SYSTEM 1)
☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 26.
W 24 W 51 W NA W NA	☐ 1 Yes ☒ 2 No	NA	NA	460.C

Comments: SEC I, BOX B - D008, D010, D011 SEC I, BOX F - A58
SEC. IV, BOX B - MODIFIED SAMPLE PLAN (QA/QC)

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3629 0159

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

FORM GM

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
ACID SOLUTIONS WITHOUT METALS, PRODUCTION OR LAB WASTE, CORROSIVE

B. EPA hazardous waste code Page 19.
D002 NA
NA NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	L / M NA	A 58	1	B 104	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	86850	5 8.00	☒ 1 lbs/gal ☐ 2 sg
			☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	MAD 053 452 637	M 141	1	7935.0
Site 2	NJD 089 216 790	M 141	1	750.0

Sec. IV A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23. ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 25.	F. 1994 source reduction quantity Page 26.
W 29 W 51 / W NA W NA	☐ 1 Yes ☒ 2 No	NA	NA	NA

Comments: SEC I, BOX F - A94 SEC. IV, BOX B - MODIFIED SAMPLE PLAN (QA/QC)

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3612 0159

FORM GM

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
CAUSTIC SOLUTIONS with METALS, NO CYANIDES, LAB WASTE, CORROSIVE

B. EPA hazardous waste code Page 19.
D002 D004
D005 D006 D007

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M NA	A 94	1	B 106	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
2650	4500	5 8.00	☒ 1 lbs/gal ☐ 2 sg
			☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	NJD 089 216 790	M 141	1	110.0
Site 2	MAD 053 452 637	M 141	1	340.0

Sec. IV A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23. ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 25.
W 29 W 51 / W NA W NA	☐ 1 Yes ☒ 2 No	NA	NA	NA

Comments: SEC 1, BOX B - D008 D009, D010, D011
SEC. IV, BOX B - MODIFIED SAMPLE PLAN

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3612 0519

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1994 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I A. Waste description - Instruction page 18. HYPOCHLORITE SOLUTIONS, LAB WASTE OR EXPIRED SAMPLES, CORROSIVE

B. EPA hazardous waste code Page 19.: D002 | NA | NA | NA | NA

C. State hazardous waste code Page 19.: NA | NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M NA	A 94	1	B 110	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
450.0	502.5	5 8.00	☒ 1 lbs/gal ☐ 2 sg

☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

Cn-site system type Page 22.: M NA

Quantity treated, disposed or recycled on site in 1994: NA

ON-SITE PROCESS SYSTEM 2

Cn-site system type Page 22.: M NA

Quantity treated, disposed or recycled on site in 1994: NA

Sec. III A. Was any of this waste shipped off-site in 1994 Instruction Page 23.
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	MAD 053 452 637	M 141	1	502.5
Site 2	NA	M NA		NA

Sec. IV A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 26.
W NA W NA W NA W NA	☐ 1 Yes ☐ 2 No	NA	NA	NA

Comments: SEC I, Box F - A58

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3619 0597

FORM GM

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
CAUSTIC SOLUTIONS from EXPIRED MATERIALS, LAB OR PRODUCTION WASTE

B. EPA hazardous waste code Page 19.
D002 | NA
NA | NA | NA

C. State hazardous waste code Page 19. Corrosive, MIXE
NA | NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M NA	A 94	1	B 110	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
11000	11000	5 8.00	1 Yes (CONTINUE TO SYSTEM 1) / X 2 No (SKIP TO SEC. III)
		X 1 lbs/gal ☐ 2 sg	

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III

A. Was any of this waste shipped off-site in 1994 Instruction Page 23. X 1 Yes (CONTINUE TO BOX B) / ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	NJD 089 216 790	M 141	1	440.0
Site 2	MAD 053 452 637	M 141	1	660.0

Sec. IV

A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23. ☐ 1 Yes (CONTINUE TO SYSTEM 1) / X 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 26.
W NA / W NA / W NA / W NA	☐ 1 Yes ☐ 2 No	NA	NA	NA

Comments:

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3613 0159

FORM GM

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I A. Waste description - Instruction page 18. Solvents from production line flushes or lab mixed halogenated

B. EPA hazardous waste code Page 19.
U080 U047
NA NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	I / M NA	A 59	L	B 202	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
3121.0	6600	5 8.0 0	☒ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	MAD 053 452 639	M 141	I	6600
Site 2	NA	M NA		NA

Sec. IV A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23. ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 25.	F. 1994 source reduction quantity Page 25.
W 25 W 58 / W NA W NA	☐ 1 Yes ☒ 2 No	NA	NA	2400.0

Comments: Sec. I, Box F - A57, A58, A99
Sec IV, Box B - Increase Batch Size

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3619 0519

FORM GM

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
WATER + Chlorinated solvents (≥10%), PRODUCTION FLUSHES, CHLOROFORM

B. EPA hazardous waste code Page 19.
U044 U080
NA NA NA

C. State hazardous waste code Page 19. Methylene Chlor.
NA NA

D. SIC code Page 19.	E. Origin code Page 19. System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 M NA	A09	1	B202	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	20160	5 12.00	☒ 1 lbs/gal ☐ 2 sg
			☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	MAD053452637	M 14	1	1613.0
Site 2	NJD089216790	M 14	1	403.0

Sec. IV A. Did new activities in 1994 result in minimization of this waste: ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE) Instruction Page 23.

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 25.
W NA W NA W NA W NA	☐ 1 Yes ☐ 2 No	NA	NA	NA

Comments:

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3613 0599

FORM GM

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
Non-Halogenated Solvents + Water Reaction Lab (≤10%) MIXED (Formaldehyde)

B. EPA hazardous waste code Page 19.
U122 | NA | NA | NA | NA

C. State hazardous waste code Page 19.
NA | NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M NA	A 57	1	B 203	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	8650	5 8.00	1 lbs/gal ☐ 2 sg
			☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994	On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA	M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	NJD 089216790	M 141	1	220.0
Site 2	MAD 053452637	M 141	1	645.0

Sec. IV A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 26.
W NA / W NA / W NA / W NA	☐ 1 Yes ☐ 2 No	NA		NA

Comments: Sec. I, Box F - A59, A44, A58

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3619 0519

FORM GM

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
MIXED PRODUCTION + LAB WASTES, FLAMMABLE + CORROSIVE Solvents

B. EPA hazardous waste code Page 19.
D001 D002
NA NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
28619	M NA	A 57	/	E 203	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
221560	180280	5 8.00	☒ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	NJD 053452637	M 141	/	3300.0
Site 2	NJD 002454544	M 061		14728.0

Sec. IV A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23. ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 26.
W 29 W NA W NA W NA	☐ 1 Yes ☒ 2 No	NA	NA	4000.0

Comments: SEC. I, BOX F - A59, A94 SEC. IV BOX B - MODIFIED SAMPLE PLAN

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3162 0159

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1994 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
OFF-Specification Solvents - Acetonitrile Production Flammable + Toxic

B. EPA hazardous waste code Page 19.
D001 D002
U003 NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M NA	A 51	1	B 203	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	18700	5 8.00	1 Yes (CONTINUE TO SYSTEM 1) / X 2 No (SKIP TO SEC. III)
		X 1 lbs/gal ☐ 2 sg	

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1994 Instruction Page 23. X 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	NJD 089 216 790	M A	L	1870.0
Site 2	NA	M NA	☐	NA

Sec. IV A. Did new activities in 1994 result in minimization of this waste: ☐ 1 Yes (CONTINUE TO SYSTEM 1) X 2 No (THIS FORM IS COMPLETE) Instruction Page 23.

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 26.
W W / W W	☐ 1 Yes ☐ 2 No			

Comments: SEC. 1, BOX F - A59

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3619 0591

FORM GM

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Solvents from Production & Lab, Halogenated & Non Halogenated, Water, Toxic

B. EPA hazardous waste code Page 19.
U044 U080
U003 U122 NA

C. State hazardous waste code Page 19. MEXEO
NA NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M NA	A 59	1	B 207	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	13750	5 8.00 ☒ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III

A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	NJD 089 216 790	M 1 A 1	1	687.5
Site 2	MAD 053 452 637	M 1 A 1	1	687.5

Sec. IV

A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 26.
W W W W	☐ 1 Yes ☐ 2 No			

Comments: Sec I, Box F - A58, A57, A94

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3693 0159

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1994 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I A. Waste description - Instruction page 18. Solutions Containing Metals from Production + Lab, Toxic, Silver, Mercur

B. EPA hazardous waste code Page 19.
D009 D011
NA NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M NA	A 58	1	B 219	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
6050	4400	5 8.00	☒ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	NJD 089 216 790	M 141	1	275.0
Site 2	MAD 053 452 637	M 141	1	165.0

Sec. IV A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 26.
W NA W NA W NA W NA	☐ 1 Yes ☐ 2 No	NA	NA	NA

Comments: Sec I, Box F - A94 Sec I, Box H - Solutions Containing Metals

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3619 0159

FORM GM

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
DRUMS with ACUTELY HAZARDOUS RESIDUE, PRODUCTION, TOXIC, CYANIDE SALTS

B. EPA hazardous waste code Page 19.
P106 P098
NA NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
28619	1 / M NA	A 59	1	B 312	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	141.0	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	NJD 089 216 990	M A1	1	141.0
Site 2	NA	M NA		NA

Sec. IV A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 25.
W NA W NA W NA W NA	☐ 1 Yes ☐ 2 No	NA	NA	NA

Comments:

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 004 362 059

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
ACTIVATED CARBON WITH SOLVENTS, REMEDIATION HALOGENATED SOLVENTS

B. EPA hazardous waste code Page 19.
0019 0022
0039 0044 NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19. System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 M NA	A 69	1	B 404	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	10000.0	1 ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994	On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA	M NA	NA

Sec. III

A. Was any of this waste shipped off-site in 1994 Instruction Page 23.
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site 1 B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
NVD 981 107 600	M 125	1	10000.0

Site 2 B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
NA	M NA		NA

Sec. IV

A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/production index Page 24.	F. 1994 source reduction quantity Page 26.
W NA W NA W NA W NA	☐ 1 Yes ☐ 2 No	NA	NA	NA

Comments:

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3613 0159

FORM GM

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Spent Carbon with Chloroform, Production Air Pollution Device

B. EPA hazardous waste code Page 19.
D022 | NA
NA | NA | NA

C. State hazardous waste code Page 19.
NA | NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M NA	A 18	1	B 404	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	5000	1 / 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III

A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	NJD 089 216 790	M A	L	500.0
Site 2	NA	M NA		NA

Sec. IV

A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 26.
W NA / W NA / W NA / W NA	☐ 1 Yes ☐ 2 No	NA	NA	NA

Comments:

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3619 0159

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1994 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 15 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I A. Waste description - Instruction page 18. CONTAMINATED Soil from Spill, Toxic, METHYLENE CHLORIDE

B. EPA hazardous waste code Page 19.
U080 | NA | NA | NA | NA

C. State hazardous waste code Page 19.
NA | NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
28619	2 / M NA	A 53	1	B 407	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	4400	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	NJD 089 216 790	M 141	1	440.0
Site 2	NA	M NA		NA

Sec. IV A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 26.	F. 1994 source reduction quantity Page 26.
W NA W NA W NA W NA	☐ 1 Yes ☐ 2 No	NA	NA	NA

Comments: SEC. I, BOX H - METHYLENE CHLORIDE & SOIL

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3619 0519

FORM GM

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
Materials CONTAMINATED with SOLVENTS, METALS, RCRA Closure, WATER & Debris

B. EPA hazardous waste code Page 19.
U159 D007 D035 NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19.	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	2	A 64	1	B 409	2
	System type M NA				

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	10600	5 8.00	1 lbs/gal ☐ 2 sg
			☐ 1 Yes (CONTINUE TO SYSTEM 1)
			X 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1994 Instruction Page 23.
X 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	NYD 049 836 679	M 141	1	950.0
Site 2	NJD 089 216 790	M 141	1	110.0

Sec. IV A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
X 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 25.
W NA W NA W NA W NA	☐ 1 Yes ☐ 2 No	NA	NA	NA

Comments: Sec I, Box H - WATER & Debris (PPE & OTHER SOLIDS) FROM PAD CLEANING
NON-PUMPABLE

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3619 0519

FORM GM

1994 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 15 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18. CONTAMINATED Soil FROM Spill, Flammable/Toxic, ACETONITRILE

B. EPA hazardous waste code Page 19.			C. State hazardous waste code Page 19.	
U003	NA	NA	NA	NA
NA	NA	NA		

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	2 / M NA	A 53	1	B 409	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	900	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III

A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	NJD 089 216 790	M 141	1	90.0
Site 2	NA	M NA		NA

Sec. IV

A. Did new activities in 1994 result in minimization of this waste? Instruction Page 23. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 26.
W NA W NA / W NA W NA	☐ 1 Yes ☐ 2 No	NA	NA	NA

Comments: SEC I, BOX H - ACETONITRILE & Soil

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO: NJD 0014 3629 0597

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1994 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 15 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
COMPRESSED GAS, OUTDATED | EXPIRED, Flammable, METHANE, TRIETHYLAMINE

B. EPA hazardous waste code Page 19.
D001 | NA | NA | NA | NA | NA

C. State hazardous waste code Page 19.
NA | NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	4 / M NA	A 58	1	B 801	2

Sec. II

A. Quantity generated in 1993 Instruction Page 21.	B. Quantity generated in 1994 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	180	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1994
M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1994 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to. Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1994
Site 1	ALD 000 622 464	M 141	1	10.0
Site 2	NJD 000 632 372	M 044	1	8.0

Sec. IV A. Did new activities in 1994 result in minimization of this waste: ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE) Instruction Page 23.

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1994 source reduction quantity Page 26.
W NA W NA W NA W NA	☐ 1 Yes ☐ 2 No	NA	NA	NA

Comments:

FORM GM ATTACHMENT

Manifest Number	Document Number	Date Shipped
IL6200600	00600	01/10/94
IL6200601	00601	01/10/94
IL6200602	00602	01/10/94
IL6200660	00660	01/10/94
IL6200598	00598	01/10/94
IL6200603	00603	01/10/94
NJA1679398	79398	01/14/94
NJA1679403	79403	01/14/94
MAH370316	70316	01/06/94
IL6200599	00599	01/10/94
NYB6327441	27441	02/24/94
NJA1679434	79434	02/17/94
NJA1606337	06337	02/01/94
IL6200724	00724	02/17/94
IL6200722	00722	02/17/94
IL6200723	00723	02/17/94
IL4785166	85166	02/17/94
IL6200661	00661	02/17/94
IL4785167	85167	02/17/94
IL4785168	85168	02/17/94
CWMA722476	22476	02/15/94
MAH372360	72360	03/02/94
IL6200611	00611	03/11/94
IL6200610	00610	03/11/94
IL6200609	00609	03/11/94
IL6200607	00607	03/11/94
IL6200606	00606	03/11/94
IL6200733	00733	03/11/94
IL6200608	00608	03/11/94
NJA1851182	51182	03/11/94
NJA1851162	51162	03/01/94
NJA1863774	63774	03/31/94
MAH372361	72361	03/02/94
MAH370408	70408	03/31/94
MAH372362	72362	03/02/94
MAH372430	72430	03/24/94
NJA1851370	51370	04/21/94
NJA1851424	51424	04/25/94
NYB6328953	28953	04/04/94
MAH370430	70430	04/08/94

MAH370429	70429	04/08/94
MAH370431	70431	04/08/94
NJA1851365	51365	04/15/94
MAH372524	72524	05/05/94
MAH372523	72523	05/05/94
NJA18514741	51471	05/10/94
NJA1486289	86289	05/13/94
NJA1851469	51469	05/06/94
IL6200758	00758	05/06/94
IL6200908	00908	05/06/94
IL6200901	00901	05/06/94
IL6200903	00903	05/06/94
IL6200899	00899	05/06/94
IL6200902	00902	05/06/94
IL6200898	00898	05/06/94
IL6200897	00897	05/06/94
NJA1851535	51535	06/08/94
NJA1851652	51652	06/03/94
NJA1851653	51653	06/03/94
MAH721157	21157	06/10/94
MAH721235	21235	06/24/94
MAH721234	21234	06/24/94
IL6200963	00963	06/03/94
IL6200967	00967	06/03/94
IL6200966	00966	06/03/94
IL6200965	00965	06/03/94
IL6200964	00964	06/03/94
IL6200970	00970	06/03/94
IL6200962	00962	06/03/94
IL6200959	00959	06/03/94
IL6200960	00960	06/03/94
IL6200961	00961	06/03/94
IL6200968	00968	06/03/94
IL6200969	00969	06/03/94
IL6200957	00957	06/03/94
IL6200958	00958	06/03/94
NJA1851549	51549	07/01/94
NJA1851737	51737	07/15/94
NJA1851736	51736	07/15/94
NJA1851717	51717	07/13/94
NJA1851739	51739	07/18/94
NYB7012224	12224	07/06/94
NJA1851447	51447	08/02/94
NJA1851829	51829	08/04/94
NJA1851828	51828	08/05/94
MAH704238	04238	09/23/94

MAH704177	04177	09/15/94
NJA1851984	51984	09/29/94
NJA1975279	75279	09/13/94
NJA1975287	75287	09/16/94
NJA1975277	75277	09/13/94
NJA1975286	75286	09/16/94
NJA1976608	76608	10/05/94
NJA1976632	76632	10/07/94
NJA1976604	76604	10/07/94
NJA1976605	76605	10/07/94
NJA1851836	51836	11/02/94
AR725796	25796	11/23/94
NJA1976639	76639	11/07/94
NJA1851814	51814	11/03/94
NJA1851835	51835	11/02/94
NJA1976654	76654	11/08/94
MAH720743	20743	12/01/94
NJA1975296	75296	12/12/94
IL6200983	00983	12/12/94
NJA1976868	76868	12/21/94

Fisher Scientific

1 Reagent Lane
Fair Lawn, N.J. 07410
(201) 796-7100

February 17, 1995

NJDEP, Bureau of Revenue
ATTN: Hazardous Waste Regulation Program
CN 417
Trenton, New Jersey 08625-0417

RE: **1994 ANNUAL HAZARDOUS WASTE REPORT**
TREATABILITY STUDY INFORMATION
N.J.A.C. 7:26(g)xi AND 40 CFR 261.4(e)
FISHER SCIENTIFIC COMPANY
FAIR LAWN, NEW JERSEY
NJD 004 362 059

Dear Sir or Madam:

Fisher Scientific, as a generator, is required to submit the following information with the annual report pursuant to the above referenced regulations:

1) The amount of waste shipped under the treatability study exemption;
2) The name, address and EPA identification number of the testing facility that received the waste;
3) The date the shipment was made; and
4) Whether or not unused samples and residues were returned to the generator.

Attached are copies of the information required for the facility identified above. If you have any questions concerning this information, contact me at (201) 703-3191.

Sincerely,

FISHER SCIENTIFIC COMPANY

JoAnn M. Koch
Regulatory Specialist

MTI
ADVANCED ENVIRONMENTAL RECYCLING CORPORATION

EPA ID # PAD 987367216

February 7, 1995

RECEIVED
FEB 13 1995
FISHER SCIENTIFIC CO.
REGULATORY AFFAIRS
PITTSBURGH

Mr. Thomas J. Tisa
Manager, Pollution Control
Fisher Scientific
711 Forbes Avenue
Pittsburgh, Pennsylvania 15219

Dear Tom:

It was a pleasure speaking to you on the phone recently. Please find enclosed a summary of samples sent to Advanced Environmental Recycling Corporation's (AERC's) Allentown, Pennsylvania, research center for treatability studies during 1994.

For compliance with 40 CFR 261.4(e) "Treatability Study Samples," please attach this as an addendum to your Generator's Annual Report.

Also enclosed please find a pricing schedule which would be applicable to materials being sent to AERC/MTI for recycling.

Advanced Environmental Technology Corporation (AETC) is forwarding pricing for their services under separate cover.

AERC appreciates your commitment to recycling. You are truly a valued customer. Please do not hesitate to contact me at 1-800-554-2372 if you have any additional questions or require any additional information. Thank you for your continued support.

Sincerely,

Reneo' P. O'Neil
Account Coordinator

CC: Dave Kennedy, AETC
Sandra M. Smith, AERC

Site Name FISHER SCIENTIFIC Co. FAIR LAWN, NEW JERSEY

EPA ID No. NJD004362059

OFFICIAL USE ONLY	
Ann. Fee	
RA	
Date	
Rec'd By	

HAZARDOUS WASTE REPORT
1995 FEE VERIFICATION FORM

INSTRUCTIONS: Complete the below fee category information. If your site falls into a category that requires the submittal of a fee, attach the check where indicated. Return this page with your report. When submitting multiple reports, each site will require a separate Fee Verification Form; however, any fees owed may be combined into one check.

Attach check here (do not send cash)
Make Payable to: Treasurer State of New Jersey

Mail Report to: New Jersey Dept. of Environmental Protection
Bureau of Revenue (c/o Solid and Hazardous Waste)
CN 417
Trenton, New Jersey 08625-0417

Fee Category

☐	No Fee	This site was only a transporter of waste oil from exempt or small quantity generators; or this site was not a NJ large quantity generator; or this site (company) manifested less than 1.33 tons of hazardous waste for the calendar year.
☐	$125.00	This site (company) manifested 1.33 tons or more of hazardous waste but less than 10 tons of hazardous waste during the calendar year.
☐	$180.00	This site (company) manifested 10 tons or more of hazardous waste but less than 100 tons of hazardous waste during the calendar year.
☐	$300.00	This site (company) manifested 100 tons or more of hazardous waste but less than 150 tons of hazardous waste during the calendar year.
☒	$400.00	This site (company) manifested 150 tons or more of hazardous waste during the calendar year.

CONVERSION TABLE

Tons = Gallons (G) x $\frac{8.34}{2000}$

= Pounds (P) divided by 2000

= Cubic Yards (Y) x $\frac{1684.8}{2000}$

= Liters (L) x $\frac{2.203}{2000}$

= Kilograms (K) x $\frac{2.204}{2000}$

If the check attached is for multilpe sites, then list below the EPA Identification Number for each site with each site's appropriate fee indicated.

	EPA ID No.	FEE
Site 1	NJD 004362059	$ 400.00
Site 2	NDD 986 569 101	$ 180.00
Site 3		$
Site 4		$
Site 5		$

Total as recorded on the attached check $ 580.00

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO. FAIR LAWN, NJ

EPA ID NO: NJD 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM IC

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 9 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I Site name and location address. Complete A through H. Check the box ☐ in items A, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, ente information. Instruction page 10.

A. EPA ID No.
Same as label X or →

B. County: BERGEN

C. Site/company name
Same as label X or →

D. Has the site name associated with this EPA ID changed since 1993? ☐ 1 Yes X 2 No

E. Street name and number. If not applicable, enter industrial park, building name, or other physical location description.
Same as label ☐ or → 1 REAGENT LANE

F. City, town, village, etc.
Same as label X or →

G. State
Same as label NJ

H. Zip Code
Same as label 07410-

Sec. II Mailing address of site. Instruction page 10.

A. Is the mailing address the same as the location address? X 1 Yes (SKIP TO SEC. III) ☐ 2 No (GO TO BOX B)

B. Number and street name of mailing address

C. City, town, village, etc.

D. State

E. Zip Code

Sec. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 10.

A. Please print: Last Name: KOCH First name: JOANN M.I.: M.

B. Title: REGULATORY SPECIALIST

C. Telephone: 201-703-5911 Extension: NA

Sec. IV "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Please print: Last Name: Jasko First name: Mark

B. Title: Plant Manager

C. Signature: Mark Jasko

D. Date of signature: 02 29 96 (MO. DAY YR.)

Over

EPA ID NO: NJD 004 362 059

Sec.V - Generator Status. Instruction pages 10, 12.

A. 1995 generator status (CHECK ONE BOX BELOW)	B. Reason for not generating (CHECK ALL THAT APPLY)	
☒ 1 USLQG	☐ 1 Never generated	☐ 5 Periodic or occasional generator
☐ 2 USSQG/NJLQG — SKIP to SEC. VI	☐ 2 Out of business	☐ 6 Waste minimization activity
☐ 3 USCESQG/NJSQG	☐ 3 Only excluded or delisted waste	☐ 7 Other (SPECIFY COMMENTS IN BOX BELOW)
☐ 4 Non generator (Continue to Box B)	☐ 4 Only non-hazardous waste	

Sec.VI - On-Site Waste Management Status. Instruction pages 13, 14.

A. Storage subject to permitting requirements	B. Treatment, disposal, or recycling subject to permitting requirements	C. Exempt treatment, disposal, or recycling
1	1	3

Sec.VII - Waste Minimization Activity during 1994 or 1995. Instruction pages 14, 15.

A. Did this site begin or expand a source reduction activity during 1994 or 1995?	B. Did this site begin or expand a recycling activity during 1994 or 1995?	C. Did this site systematically investigate opportunities for source reduction or recycling during 1994 or 1995?
☒ 1 Yes	☒ 1 Yes	☒ 1 Yes
☐ 2 No	☐ 2 No	☐ 2 No

D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional source reduction activities in 1994 or 1995? (CHECK YES OR NO FOR EACH ITEM)

Yes	No		
☐ 1	☒ 2	a.	Insufficient capital to install new source reduction equipment or implement new source reduction practices
☐ 1	☒ 2	b.	Lack of technical information on source reduction techniques applicable to the specific production processes
☐ 1	☒ 2	c.	Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment
☒ 1	☐ 2	d.	Concern that product quality may decline as a result of source reduction
☒ 1	☐ 2	e.	Technical limitations of the production processes
☐ 1	☒ 2	f.	Permitting burdens
☐ 1	☒ 2	g.	Source reduction previously implemented - additional reduction does not appear to be technically feasible
☐ 1	☒ 2	h.	Source reduction previously implemented - additional reduction does not appear to be economically feasible
☐ 1	☒ 2	i.	Source reduction previously implemented - additional reduction does not appear to be feasible due to permitting requirements
☐ 1	☒ 2	j.	Other (SPECIFY COMMENTS IN BOX BELOW)

E. Did any of the factors listed below delay or limit the site's ability to initiate new or additional on-site or off-site recycling activities during 1994 or 1995? (CHECK YES OR NO FOR EACH ITEM)

Yes	No			Yes	No		
☐ 1	☒ 2	a.	Insufficient capital to install new recycling equipment or implement new recycling practice	☐ 1	☒ 2	g.	Technical limitations of production processes inhibit shipments off-site for recycling
☐ 1	☒ 2	b.	Lack of technical information on recycling techniques applicable to this site's specific production process	☐ 1	☒ 2	h.	Technical limitations of production processes inhibit on-site recycling
☐ 1	☒ 2	c.	Recycling is not economically feasible: cost savings in waste management will not recover the capital investment	☐ 1	☒ 2	i.	Permitting burdens inhibit recycling
☒ 1	☐ 2	d.	Concern that product quality may decline as a result of recycling	☐ 1	☒ 2	j.	Lack of permitted off-site recycling facilities
☐ 1	☒ 2	e.	Requirements to manifest wastes inhibit shipments of off-site for recycling	☐ 1	☒ 2	k.	Unable to identify a market for recycled materials
☐ 1	☒ 2	f.	Financial liability provisions inhibit shipments off-site for recycling	☐ 1	☒ 2	l.	Recycling previously implemented - additional recycling does not appear to be technically feasible
				☐ 1	☒ 2	m.	Recycling previously implemented - additional recycling does not appear to be economically feasible
				☐ 1	☒ 2	n.	Recycling previously implemented - additional recycling does not appear to be feasible due to permitting requirements
				☐ 1	☒ 2	o.	Other (SPECIFY COMMENTS IN BOX BELOW)

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC (FAIR LAWN, NEW JERSEY)

EPA ID NO: NJ0 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.

VARIOUS HAZARDOUS CHEMICALS FROM LAB PROCESS WASTE RETENTION SAMPLES, FUISHE

B. EPA hazardous waste code Page 19.: L A B P | NA | NA | NA | NA

C. State hazardous waste code Page 19.: AND off-SPECIFICATION BATC | NA | NA

D. SIC code Page 19.	E. Origin code / System Type Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	M: NA	A: 94	1	B: 0 0 1	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
10773.6	11751.0	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995	On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M:		M:	

Sec. III A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 980 536 593	M: 1 4 1	1	5984.1
Site 2	NJD 089 216 790	M: 1 4 1	1	2599.6

Sec. IV A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W: 1 2 / W: 1 9	☐ 1 Yes ☒ 2 No			

Comments: SEC I, BOX F; A57, A59, A58, A04, A49 (PILOT LAB/PROCESS)
Sec IV, Box B; W19 - Bulk Containers, CHANGE in Lab processes
Sec III, Box B - Continued on Supplemental Page

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
FAIR LAWN, NEW JERSEY

EPA ID NO: NJ0 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
VARIOUS HAZARDOUS CHEMICALS FROM LAB PROCESS WASTES RETENTION SAMPLES, FLUSHES & OFF-SPECIFICATION BATCHES

B. EPA hazardous waste code Page 19.
LA B P NA
NA NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19 / System Type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	M NA	A 94	1	B 0011	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
10733.6	11751.6	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	

Sec.III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	IL0 098 642 424	M 049		3168.
Site 2	NA	M		

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W 12 W / W 19 W	☐ 1 Yes ☒ 2 No	NA	NA	NA

Comments:
Sec. IV, Box B; w19, Bulk Containers, CHANGE LAB PROCESSES
Supplemental Page

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
FAIR LAWN, NEW JERSEY

EPA ID NO: NJD 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.

VARIOUS PRODUCTION DERIVED DEBRIS FILTERS PPE BAGS, CONTAINERS

B. EPA hazardous waste code Page 19.	C. State hazardous waste code Page 19.
L A B P NA NA NA NA NA	NA NA

D. SIC code Page 19.	E. Origin code 1 Page 19 System Type M	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	NA	A59	1	B002	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
1614.0	3618.0	1 / □ 1 lbs/gal □ 2 sg	□ 1 Yes (CONTINUE TO SYSTEM 1) X 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995	On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M		M	

Sec.III A. Was any of this waste shipped off-site in 1995 Instruction page 22. X 1 Yes (CONTINUE TO BOX B) □ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 980 536 593	M 141	1	1709.0
Site 2	NJD 089 216 790	M 141	1	736.0

Sec. IV A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. X 1 Yes (CONTINUE TO BOX B) X 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W 19 W W W	□ 1 Yes X 2 No	NA	NA	NA

Comments: SEC. I, BOX F; A49(PILOT LAB), A91, A92
SEC. IV BOX B; IMPROVED HANDLING TECHNIQUES OF WASTE
SEC III, BOX B - CONTINUED ON SUPPLEMENTAL PAGE

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC / MADANI FAIR LAWN, NEW JERSEY

EPA ID NO: NJ0 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.

VARIOUS PRODUCTION DERIVED DEBRIS, FILTERS PPE RAGS, CONTAINERS

B. EPA hazardous waste code Page 19.

L: LABP NA NA NA NA

C. State hazardous waste code Page 19.

L: NA NA

D. SIC code Page 19.	E. Origin code Page 19 / System Type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	1 / L: NA	L: 59	1	L: 002	2

Sec. II A. Quantity generated in 1994 Instruction Page 21. 1614.0

B. Quantity generated in 1995 Page 21. 3618.0

C. UOM Page 21. 1 Density ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.

☐ 1 Yes (CONTINUE TO SYSTEM 1)

☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22. L:

Quantity treated, disposed, or recycled on site in 1995

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22. L:

Quantity treated, disposed, or recycled on site in 1995

Sec.III A. Was any of this waste shipped off-site in 1995 Instruction page 22.

☒ 1 Yes (CONTINUE TO BOX B)

☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	ILD 098 642 424	L: 049	1	1173.0
Site 2	L: NA	L:		

Sec. IV A. Did new activities in 1995 result in minimization of this waste? Instruction page 24.

☒ 1 Yes (CONTINUE TO BOX B)

☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
L: 19 L: L: L:	☐ 1 Yes ☒ 2 No	NA	NA	NA

Comments: SEC. I, BOX F; A49 (PILOT PLANT/LAB), A91, A92
SEC IV, BOX B; IMPROVED WASTE HANDLING TECHNIQUES

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
FAIR LAWN, NEW JERSEY

EPA ID NO: NJ0 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
VARIOUS CHEMICAL RESIDUE & DEBRIS FROM SPILLS

B. EPA hazardous waste code Page 19.
LA BP | NA | NA | NA | NA

C. State hazardous waste code Page 19.
NA | NA

D. SIC code Page 19.	E. Origin code Page 19 / System Type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	2 / M NA	A 53	1	B 10 02	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat, store, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA .	269.0	1 / . □ 1 lbs/gal □ 2 sg	□ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	.

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	.

Sec. III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) □ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 980 536 593	M 141	1	202.0
Site 2	FLD 098 642 424	M 049	1	67.

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. □ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
M M / M M	□ 1 Yes □ 2 No	.	.	.

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC (CADANU)
FAIR LAWN, NEW JERSEY

EPA ID NO: NJ0 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
VARIOUS CHEMICALS and Debris From PRODUCTION Processes lab and Samples

B. EPA hazardous waste code Page 19.
LABP NA NA NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19 / System Type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	M NA	A59	L	B003	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	4489.0	L / 1 lbs/gal 2 sg	1 Yes (CONTINUE TO SYSTEM 1) X 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995	On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M		M	

Sec.III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. X 1 Yes (CONTINUE TO BOX B) 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 980 536 593	M 14	1	871.0
Site 2	NJD 089 216 790	M 14	1	2014.

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. X 1 Yes (CONTINUE TO BOX B) 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W12 W19	1 Yes X 2 No	NA	NA	NA

Comments: Sec. I, Box F: A04, A57, A58, A59, A91, A92, A99
Sec IV, Box B; W19 - Bulk Containers Lab process changes, improved waste handling techniques

Sec III, Box B; Continued on Supplemental page

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
FAIR LAWN, NEW JERSEY

EPA ID NO: NJD 004 362 059

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
VARIOUS CHEMICALS & Debris FROM PRODUCTION Processes lab & samples

B. EPA hazardous waste code Page 19.
LABP NA
NA NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19 System Type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	1 NA	59	1	003	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21.	Density	D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	4489.0	1	☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995

Sec. III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	ILD 098 642 424	049	1	1604.0
Site 2	NA			

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 26.
W12 W19	☐ 1 Yes ☒ 2 No	NA	NA	NA

Comments: Sec IV Box B; W19 - Bulk containers, Lab process changes, Improved waste handling techniques

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FAIR LAWN, NEW JERSEY

EPA ID NO: NJ0 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Spill CLEAN-UP DEBRIS, VARIOUS CHEMICALS MIXED LAB PACKS

B. EPA hazardous waste code Page 19.
LABP NA
NA NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19 / System Type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	2 / M NA	A 53	1	B 003	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	120.0	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995	On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M		M	

Sec.III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 980 536 593	M 14	1	120.0
Site 2	NA	M		

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W W / W W	☐ 1 Yes ☐ 2 No			

Comments:

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1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
VARIOUS ACUTELY HAZARDOUS CHEMICALS & DEBRIS FROM PRODUCTION SAMPLES OR LAB WASTE

B. EPA hazardous waste code Page 19.
LABP NA
NA NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code / System Type Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	M NA	A 58	1	B 004	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat, store on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
274.1	1532.0	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	

Sec.III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 980 536 593	M 141	1	767.0
Site 2	NJD 089 216 790	M 141	1	291.0

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
M M / M M	☐ 1 Yes ☐ 2 No			

Comments: Sec III, Box B - Continued on Supplemental pages

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1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
VARIOUS ACUTELY HAZARDOUS CHEMICALS & DEBRIS FROM PRODUCTION, SAMPLES, OR LA

B. EPA hazardous waste code Page 19.
LABP NA
NA NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	System Type M NA	A 58	1	B 8.01	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
274.1	1532.0	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	

Sec.III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	ILD 098 642 242	M 049	1	474.6
Site 2	NA	M		

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? ☐ 1 Yes (CONTINUE TO BOX B) Instruction page 24. ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W W / W W	☐ 1 Yes ☐ 2 No			

Comments:

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1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
AQUEOUS WASTE with low solvents, PRODUCTION CLEANING, LAB, EXPIRED STOCK

B. EPA hazardous waste code Page 19.
D001, D002, D038, U003, U080

C. State hazardous waste code Page 19.
NA, NA

D. SIC code Page 19.	E. Origin code / Page 19 / System Type M	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	NA	A 04	1	B 101	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
8360.0	29541.0	1 / ____ ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	

Sec. III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 089 216 790	M 141	1	960.0
Site 2	NJD 980 536 593	M 141	1	24136.0

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W / W / W / W	☐ 1 Yes ☐ 2 No			

Comments: SEC. I, BOX B.; F003
SEC I, BOX F.; A09, A58, A19, A94

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1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
AQUEOUS WASTE WITH low Solvents FROM PRODUCTION, Spill CLEANUP Toxic FLAMMABLE

B. EPA hazardous waste code Page 19.
D001 U112
NA NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19 / System Type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	[M] NA	[A] 53	1	[B] 101	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	1440.0	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
[M]	

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
[M]	

Sec. III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 089 216 790	[M] 141	1	1040.0
Site 2	NJD 980 536 593	[M] 141	1	400.0

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? ☐ 1 Yes (CONTINUE TO BOX B) Instruction page 24. ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
[W] [W] / [W] [W]	☐ 1 Yes ☐ 2 No			

Comments:

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1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.

AQUEOUS WASTE with Solvents, Contaminated Groundwater, REMEDIATI

B. EPA hazardous waste code Page 19.

D018 D019 D022 D028 D040

C. State hazardous waste code Page 19.

NA NA

D. SIC code Page 19.	E. Origin code 2 Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	System Type M NA	A 69	J	B 101	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
8360.0	4451.0	J / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995	On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M		M	

Sec.III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 980 536 593	M 141	1	2851.0
Site 2	NJD 089 216 790	M 141	1	1600.0

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W W / W W	☐ 1 Yes ☐ 2 No			

Comments:

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1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
AQUEOUS WASTE WITH ORGANICS, TOXIC, WATER, PHENOL + DIPHENYLARSINE, FROM PRODUCTION FLUSH + RINSE

B. EPA hazardous waste code Page 19.
D001, U188
D009, D001, NA

C. State hazardous waste code Page 19.
NA, NA

D. SIC code Page 19.	E. Origin code / Page 19 System Type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	M NA	A01	1	B162	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: tre site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	1600.0	1 / . ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	.

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	.

Sec.III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 089 216 790	M 141	1	1600.0
Site 2	NA	M		.

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W W W W	☐ 1 Yes ☐ 2 No	.	.	.

Comments: SEC. 1, BOX F; A09

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1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
ACIDIC AQUEOUS WASTE FROM PRODUCTION FLUSHES RETENTION Samples LAB

B. EPA hazardous waste code Page 19.
D002 D001
D004 D005 D006

C. State hazardous waste code Page 19. Solvents & METALS
NA NA

D. SIC code Page 19.	E. Origin code 1 Page 19 / System Type [M]	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20. [B]	I. RCRA - radioactive mixed Page 20.
2869	NA	[A] 04	1	105	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat, store, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	1008160	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995	On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
[M]		[M]	

Sec. III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 002385130	[M] 099	1	83178
Site 2	NJD 089216790	[M] 141	1	6821

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
[W] [W] / [W] [W]	☐ 1 Yes ☐ 2 No			

Comments: SEC. I, BOX B; D007, D008, D009, D011

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1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
ACIDIC AQUEOUS WASTE FROM PRODUCTION FLUSHES RETENTION SAMPLES, LAB

B. EPA hazardous waste code Page 19.
D002 D001
D004 D005 D006

C. State hazardous waste code Page 19. Solvents & metal
NA NA

D. SIC code Page 19.	E. Origin code / System Type Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	M: NA	A: 04	1	B: 105	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	108116.0	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M:	

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M:	

Sec. III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 980536593	M: 141	1	10417
Site 2	NA	M:		

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W: W: / W: W:	☐ 1 Yes ☐ 2 No			

Comments: SEC I, BOX B.; D007, D008, D009, D011

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1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.

ACIDIC AQUEOUS WASTE, FLUSHES OR RINSES SULFURIC ACID ACETIC AC

B. EPA hazardous waste code Page 19.

D002 NA
NA NA NA

C. State hazardous waste code Page 19.

Corrosive

NA NA

D. SIC code Page 19.	E. Origin code / System Type Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	NA	04	1	105	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21.	Density	D. Did this site do any of the following to this waste: treat, store, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	9632.0	5	9.00	X 1 Yes (CONTINUE TO SYSTEM 1)
		X 1 lbs/gal ☐ 2 sg		☐ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
T21	9632.0

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995

Sec. III A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☐ 1 Yes (CONTINUE TO BOX B) X 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NA			
Site 2	NA			

Sec. IV A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO BOX B) X 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W W W W	☐ 1 Yes ☐ 2 No			

Comments: SecI, Box F; A09, A57

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EPA ID NO: NJ0 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.

CAUSTIC AQUEOUS WASTE, RINSES & FLUSHES Sodium Hydroxide KOH, Corrosive

B. EPA hazardous waste code Page 19.

D002 NA
NA NA NA

C. State hazardous waste code Page 19.

NA NA

D. SIC code Page 19.	E. Origin code / Page 19 System Type LM	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	NA	A04	1	B110	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21.	Density	D. Did this site do any of the following to this waste: treat, store, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	2699.0	5	9.00 X 1 lbs/gal ☐ 2 sg	X 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
LM 121	2699.0

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
LM	

Sec.III A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☐ 1 Yes (CONTINUE TO BOX B) X 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NA	LM		
Site 2	NA	LM		

Sec. IV A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO BOX B) X 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
LW LW LW LW	☐ 1 Yes ☐ 2 No			

Comments: Sec 1, Box F; A09, A57

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
FAIR LAWN, NEW JERSEY

EPA ID NO: NJ0 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.

CAUSTIC AQUEOUS WASTE, PRODUCTION FLUSHES EXPIRED PRODUCTS lab lou

B. EPA hazardous waste code Page 19.

D002 D001
P105 D011 NA

C. State hazardous waste code Page 19.

Solvents and metals
NA NA

D. SIC code Page 19.	E. Origin code / Page 19 System Type M	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	NA	A 04	1	B 110	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
13361.0	15478.0	1 / □ 1 lbs/gal □ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	

Sec. III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 980 536 593	M 141	I	13302.
Site 2	NJD 089 216 790	M 141	I	2196.

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W W / W W	☐ 1 Yes ☐ 2 No			

Comments: SEC. I, BOX F; A09, A57, A58, A94

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC (CADANU) FAIR LAWN, NEW JERSEY

EPA ID NO: NJ0 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.

WASTE METALLIC MERCURY, LAB PROCEDURES, TOXIC

B. EPA hazardous waste code Page 19.

D009 | NA | NA | NA | NA

C. State hazardous waste code Page 19.

NA | NA

D. SIC code Page 19.	E. Origin code / System Type Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	LM: NA	LA: 94	1	LB: 11	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	45.0	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
LM:	

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
LM:	

Sec. III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 980 536 593	LM: 141	1	45.0
Site 2	NA	LM:		

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
LW: 99 LW: LW: LW:	☐ 1 Yes ☒ 2 No	NA	NA	NA

Comments:

SEC IV BOX B; ACCEPT VENDOR PROTOCOL, NO TESTING

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC (FAIRLAWN) FAIR LAWN, NEW JERSEY

EPA ID NO: NJD 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.

VARIOUS inorganic AQUEOUS liquids containing acids metals, dyes, from PRODUCTION processes lab.

B. EPA hazardous waste code Page 19.

D001 D002 D006 D009 F003

C. State hazardous waste code Page 19.

NA NA

D. SIC code Page 19.	E. Origin code Page 19 / System Type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	NA	94	1	119	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	14917.0	1 / □ 1 lbs/gal □ 2 sg	□ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995	On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995

Sec.III A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) □ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 089 216 790	141	1	13960.0
Site 2	NJD 980 536 593	141	1	957.0

Sec. IV A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. □ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
	□ 1 Yes □ 2 No			

Comments: SEC I, Box B; U080
SEC I, Box F; A09, A04, A59, A49 (P, Tot Lab/Process)
Sec I Box H; Mixtures of Silver NITRATE, Chromium, methanol & Hexane - mixed liquids

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC (FAIR LAWN, NEW JERSEY)

EPA ID NO: NJ0 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Chlorinated Solvent, Flushes or Rinses off-specification toxic

B. EPA hazardous waste code Page 19.
U044 D022
U080 NA NA

C. State hazardous waste code Page 19.
Chloroform, Methylene Chlo
NA NA

D. SIC code Page 19.	E. Origin code / Page 19 System Type [M]	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	NA	[A] 04	/	[B] 202	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
1271.5	7485.0	1 / . □ 1 lbs/gal □ 2 sg	□ 1 Yes (CONTINUE TO SYSTEM 1) X 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type Page 22. [M]	Quantity treated, disposed, or recycled on site in 1995	On-site process system type Page 22. [M]	Quantity treated, disposed, or recycled on site in 1995

Sec.III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. X 1 Yes (CONTINUE TO BOX B) □ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 089 216 790	[M] 141	1	1200.0
Site 2	NJD 980 536 593	[M] 141	1	6285.

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. X 1 Yes (CONTINUE TO BOX B) □ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
[W] 52 [W] [W] [W]	□ 1 Yes X 2 No	NA	NA	5233.5

Comments: SEC I, BOX F; A09, A19, A57

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC (CHEMICAL FAIR LAWN, NEW JERSEY)

EPA ID NO: NJ0 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.

HALOGENATED Solvent, TRICHLOROMETHANE methylene Chloride, Spill Cleanup, Toxic

B. EPA hazardous waste code Page 19.

U080 U044

NA NA NA

C. State hazardous waste code Page 19.

NA NA

D. SIC code Page 19.	E. Origin code 2 Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	System Type M NA	A 53	1	B 202	2

Sec. II A. Quantity generated in 1994 Instruction Page 21.: NA

B. Quantity generated in 1995 Page 21.: 400.0

C. UOM Page 21.: 1 Density: ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.

☐ 1 Yes (CONTINUE TO SYSTEM 1)

☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995	On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M		M	

Sec.III A. Was any of this waste shipped off-site in 1995 Instruction page 22.

☒ 1 Yes (CONTINUE TO BOX B)

☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 980 536 593	M 141	1	400.0
Site 2	NA	M		

Sec. IV A. Did new activities in 1995 result in minimization of this waste? Instruction page 24.

☒ 1 Yes (CONTINUE TO BOX B)

☒ No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W 32 W 34 W 33 W	☐ 1 Yes ☒ 2 No	NA	NA	NA

Comments:

BEFORE DOPKING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC (FORMERLY FAIR LAWN, NEW JERSEY)

EPA ID NO: NJD 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
NON-HALOGENATED Solvents, PRODUCTION OR LAB, FORMALDEHYDE) TOXIC

B. EPA hazardous waste code Page 19.
U122 D001
D002 F003 U154

C. State hazardous waste code Page 19.
FLAMMABLE
NA NA

D. SIC code Page 19.	E. Origin code / Page 19 System Type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	M NA	A09	1	B203	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
173612.2	165951.0	4 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	

Sec.III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 980 536 593	M 141	1	12170.0
Site 2	NJD 089 216 790	M 141	1	4128.0

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W 33 W W W	☐ 1 Yes ☒ 2 No	NA	NA	NA

Comments: SEC I, Box B; U112, U220
SEC I, Box F; A09, A57, A99
Sec III, Box B Continued on Supplemental Pages

BEFORE DOPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC (FAIRLAWN) FAIR LAWN, NEW JERSEY

EPA ID NO: NJ0 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18. NON-HALOGENATED SOLVENTS, PRODUCTION OR LAB (FORMALDEHYDE), TOXIC

B. EPA hazardous waste code Page 19. U122 D001 D002 F003 U154

C. State hazardous waste code Page 19. FLAMMABLE NA NA

D. SIC code Page 19.	E. Origin code / Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	System Type M NA	A 09	1	B 203	2

Sec. II A. Quantity generated in 1994 Instruction Page 21. 173612.2

B. Quantity generated in 1995 Page 21. 165951.0

C. UOM Page 21. 1 Density ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995	On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M		M	

Sec.III A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	PAD064 375470	M 061	1	21464.0
Site 2	FLD098 642424	M 041	1	459.0

Sec. IV A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W 33 W W W	☐ 1 Yes ☒ 2 No	NA	NA	NA

Comments: SEC. I, BOX B; U112, U220
SEC I, BOX F: A04, A51, A44
SEC III, BOX B - Continued on Supplemental Pages

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC (MADANI) FAIR LAWN, NEW JERSEY

EPA ID NO: NJ0 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.

NON-HALOGENATED Solvents, PRODUCTION OR LAB (FORMALDEHYDE) TOXIC, FLAMMABLE

B. EPA hazardous waste code Page 19.

U122 D001
D002 F003 U154

C. State hazardous waste code Page 19.

NA NA

D. SIC code Page 19.	E. Origin code / Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	System Type M NA	A 09	/	B 203	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
173612.2	165951.0	/ . ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	.

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	.

Sec.III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 002 454 544	M 061	/	12 7730 .
Site 2	NA	M		.

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W 33 W W W	☐ 1 Yes ☒ 2 No	NA .	NA	NA .

Comments: SEC. I, BOX B; U112, U220
SEC. I, BOX F; A04, A57, A94
SEC III, BOX B-Continued on Supplemental Pages

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC (CAMDAMA) FAIR LAWN, NEW JERSEY

EPA ID NO: NJ C 0 0 4 3 6 2 0 5 9

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.

HALOGENATED & NON HALOGENATED SOLVENTS MIXED PRODUCTION & LAB

B. EPA hazardous waste code Page 19.

U213 F003

NA NA NA

C. State hazardous waste code Page 19.

NA NA

D. SIC code Page 19.	E. Origin code / Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	System Type [M] NA	[A] 04	1	[B] 304	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
1100.0	920.0	L / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995	On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
[M]		[M]	

Sec.III A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 089 216 790	[M] 141	1	440.
Site 2	ILD 098 642 424	[M] 041	1	480.

Sec. IV A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
[W] 52 [W] [W] [W]	☐ 1 Yes ☒ 2 No	NA	NA	NA

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC (ADANI)
FAIR LAWN, NEW JERSEY

EPA ID NO: NJD 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Soil, contaminated with methylene Chloride, inorganic, Spill

B. EPA hazardous waste code Page 19.
U080 NA
NA NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code 2 Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	System Type M NA	A 53	L	B 302	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	1600.0	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995	On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M		M	

Sec.III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 980 536 593	M 141	1	800.0
Site 2	NJD 089 216 790	M 141	1	800.0

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W 34 W 32 / W W	☐ 1 Yes ☒ 2 No	NA	NA	NA

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC (FAIR LAWN, NEW JERSEY)

EPA ID NO: NJD 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.

METAL DRUMS with ACUTELY HAZARDOUS RESIDUE toxic, PRODUCTION

B. EPA hazardous waste code Page 19.

P098 P077

NA NA NA

C. State hazardous waste code Page 19

NA NA

D. SIC code Page 19.	E. Origin code Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	System Type M NA	A 59	1	B 308	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
141.0	36.0	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	

Sec. III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 980 536 593	M 141	1	20.
Site 2	NJD 089 216 790	M 141	1	16.

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
M M M M	☐ 1 Yes ☐ 2 No			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY / FAIR LAWN, NEW JERSEY

EPA ID NO: NJ0 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Spent filters, airstripper, solvents (ie benzene), Remediation

B. EPA hazardous waste code Page 19.
D018 D019
D040 NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code 1 Page 19 System Type M	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20. B	I. RCRA - radioactive mixed Page 20.
2869	NA	A 69	1	310	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	1750.0	1 / . ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	.

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
M	.

Sec.III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 089 216 790	M 14	1	1750.0
Site 2	NA	M		.

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
W W W W	☐ 1 Yes ☐ 2 No	.	.	.

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC (FAIRLAWN)
FAIR LAWN, NEW JERSEY

EPA ID NO: NJD 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
INORGANIC SOLIDS, mercury thermometers, ammonium nitrate, lab waste and off-specification

B. EPA hazardous waste code Page 19.
D009, D001
NA, NA, NA

C. State hazardous waste code Page 19.
NA, NA

D. SIC code Page 19.	E. Origin code / System Type Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	NA	57	1	319	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	1212.0	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995	On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995

Sec. III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 089 216 790	14	1	12.0
Site 2	NJD 980 536 593	14	1	1200.0

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
	☐ 1 Yes ☐ 2 No			

Comments: SEC I, BOX F; A94

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC (PADANY)
FAIR LAWN, NEW JERSEY

EPA ID NO: NJD 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
ACTIVATED CARBON CONTAMINATED WITH Solvents, REMEDIATIO

B. EPA hazardous waste code Page 19.
D019 D022
D039 D040 NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19 / System Type [M]	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
	2 / NA	[A] 69	1	[B] 4.04	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
10,000.0	16600.0	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22. [M]

Quantity treated, disposed, or recycled on site in 1995

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22. [M]

Quantity treated, disposed, or recycled on site in 1995

Sec.III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	OKD 987 072 006	[M] 032	1	16600.
Site 2	NA	[M]		

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
[W] [W] [W] [W]	☐ 1 Yes ☐ 2 No			

Comments: SEC. III, BOX C; CARBON REGENERATION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
FAIR LAWN, NEW JERSEY

EPA ID NO: NJ0 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

1995 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
DRILLING MUD contaminated with solvents, toxic, Remediation

B. EPA hazardous waste code Page 19.
D001, D018, D019, D028, D040

C. State hazardous waste code Page 19.
NA, NA

D. SIC code Page 19.	E. Origin code 2 Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2869	System Type [M] NA	[A] 69	L	[B] 514	2

Sec. II

A. Quantity generated in 1994 Instruction Page 21.	B. Quantity generated in 1995 Page 21.	C. UOM Page 21. Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
NA	3753.0	L ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
[M]	

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1995
[M]	

Sec.III

A. Was any of this waste shipped off-site in 1995 Instruction page 22. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1995 Page 23.
Site 1	NJD 980 536 593	[M] 141	L	3753.
Site 2	NA	[M]		

Sec. IV

A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 25.	D. Quantity recycled in 1995 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1995 source reduction quantity Page 25.
[M] [M] [M] [M]	☐ 1 Yes ☐ 2 No			

Comments:

DATE	MANIFEST #
01/12/95	NJA1976636
01/13/95	IL6217729
02/24/95	NJA1976935
02/27/95	NJA1976937
03/03/95	IL6265127
03/03/95	NJA1976901
03/15/95	NJA1380933
03/29/95	NJA1976294
03/29/95	NJA1976296
04/06/95	NJA1976340
04/07/95	NJA1976326
04/10/95	NJA1976325
04/28/95	NJA1976893
05/19/95	NJA1976297
05/26/95	IL6265122
05/30/95	NJA1851311
06/12/95	NJA1975563
06/30/95	NJA1975580
07/06/95	NJA2177522
07/07/95	NJA2177641
07/07/95	IL6265123
07/07/95	NJA1976303
08/02/95	NJA2162360
08/15/95	PAC8918792
08/18/95	NJA2138518
08/18/95	NJA2138519
09/28/95	NJA1994172
09/29/95	NJA1994171
10/02/95	NJA2138819
10/10/95	NJA1994196
10/11/95	NJA1994192
10/31/95	NJA2138704
11/08/95	NJA1998022
11/10/95	NJA1998020
12/07/95	NJA1976488
12/12/95	NJA1997995
12/13/95	NJA1997996
12/28/95	NJA1998274

[redacted] YING FORM, ATTACH SITE IDENTIFICATION LABEL

SITE NAME: FISHER SCIENTIFIC CO
FAIRLAWN,NJ

EPA ID NO: NJD 001436259

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

FORM IC

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 9 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I Site name and location address. Complete A through H. Check the box ☐ in items A, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 10.

A. EPA ID No.: NJD 001436259

B. County: BERGEN

C. Site/company name: FISHER SCIENTIFIC CO.

D. Has the site name associated with this EPA ID changed since 1991?
☐ 1 Yes
☒ 2 No

E. Street name and number. If not applicable, enter industrial park, building name, or other physical location description.: 1 REAGEN LANE

F. City, town, village, etc.: FAIRLAWN

G. State Same as label: NJ

H. Zip Code Same as label: 07410-

Sec. II Mailing address of site. Instruction page 10.

A. Is the mailing address the same as the location address?
☒ 1 Yes (SKIP TO SEC. III)
☐ 2 No (GO TO BOX B)

B. Number and street name of mailing address:

C. City, town, village, etc.:

D. State:

E. Zip Code:

Sec. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 10.

A. Please print: Last Name: MC KINLEY; First name: MARCY; M.I.: C

B. Title: MGR. ENVIRONMENTAL COMPLIANCE

C. Telephone: 201 796 7100
Extension:

Sec. IV I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under N.J.A.C. 7:26 and under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Please print: Last Name: CRAWLEY; First name: DAVID; M.I.:

B. Title: DIR. CHEMICAL OPERATIONS

C. Signature:

D. Date of signature: 12 / 28 / 94
MO. DAY YR.

Over

FORM

Sec. V - Generator Status

EPA ID NO.

N J D 0 0 4 3 6 2 0 5 9

A. 1993 generator status
Instruction page 10
(CHECK ONE BOX BELOW)

- [X] 1 LQG
- [ ] 2 FRG — SKIP to SEC. VI
- [ ] 3 SQG
- [ ] 4 Non generator

B. Reason for not generating
Page 12
(CHECK ALL THAT APPLY)

- [ ] 1 Never generated
- [ ] 2 Out of business
- [ ] 3 Only excluded or delisted waste
- [ ] 4 Only non-hazardous waste
- [ ] 5 Periodic or occasional generator
- [ ] 6 Waste minimization activity
- [ ] 7 Other ((SPECIFY COMMENTS IN BOX BELOW)

Sec. VI - On-Site Waste Management Status

A. Storage subject to hazardous waste permitting requirements
Instruction page 13

B. Treatment, disposal, or recycling subject to hazardous waste permitting requirements
Page 13

C. RCRA-exempt treatment, disposal, or recycling
Page 13

1

Sec. VII - Waste Minimization Activity during 1992 or 1993

A. Did the site begin or expand a source reduction activity during 1992 or 1993?
Page 15

- [X] 1 Yes
- [ ] 2 No

B. Did the site begin or expand a recycling activity during 1992 or 1993?
Page 15

- [X] 1 Yes
- [ ] 2 No

C. Did the site begin systematically investigate opportunities for source reduction or recycling during 1992 or 1993?
Page 14

- [ ] 1 Yes
- [X] 2 No

D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional source reduction activities in 1992 or 1993?
Page 15 (CHECK YES OR NO FOR EACH ITEM)

Yes	No		
[ ] 1	[X] 2	a.	Insufficient capital to install new source reduction equipment or implement new source reduction practices
[ ] 1	[X] 2	b.	Lack of technical information on source reduction techniques applicable to this specific production processes
[ ] 1	[X] 2	c.	Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment
[X] 1	[ ] 2	d.	Concern that product quality may decline as a result of source reduction
[X] 1	[ ] 2	e.	Technical limitations of the production processes
[ ] 1	[X] 2	f.	Permitting burdens
[X] 1	[X] 2	g.	Source reduction previously implemented - additional reduction does not appear to be technically feasible
[X] 1	[ ] 2	h.	Source reduction previously implemented - additional reduction does not appear to be economically feasible
[ ] 1	[X] 2	i.	Source reduction previously implemented - additional reduction does not appear to be feasible due to permitting requirements
[ ] 1	[ ] 2	j.	Other (SPECIFY COMMENTS IN BOX BELOW)

E. Did any of the factors listed below delay or limit this site's ability to initiate new or additional on-site or off-site recycling activities during 1992 or 1993?
Page 15 (CHECK YES OR NO FOR EACH ITEM)

Yes	No		
[ ] 1	[X] 2	a.	Insufficient capital to install new recycling equipment or implement new recycling practice
[X] 1	[ ] 2	b.	Lack of technical information on recycling techniques applicable to this site's specific production processes
[ ] 1	[X] 2	c.	Recycling is not economically feasible: cost savings in waste management or production will not recover the capital investment
[X] 1	[ ] 2	d.	Concern that product quality may decline as a result of recycling
[ ] 1	[X] 2	e.	Requirements to manifest wastes inhibit shipments off site for recycling
[X] 1	[ ] 2	f.	Financial liability provisions inhibit shipments off site for recycling
[X] 1	[ ] 2	g.	Technical limitations of production processes inhibit shipments off site for recycling
[ ] 1	[X] 2	h.	Technical limitations of production processes inhibit on-site recycling
[X] 1	[ ] 2	i.	Permitting burdens inhibit recycling
[ ] 1	[X] 2	j.	Lack of permitted off-site recycling facilities
[X] 1	[ ] 2	k.	Unable to identify a market for recyclable materials
[ ] 1	[X] 2	l.	Recycling previously implemented - additional recycling does not appear to be technically feasible
[ ] 1	[X] 2	m.	Recycling previously implemented - additionally recycling does not appear to be economically feasible
[ ] 1	[X] 2	n.	Recycling previously implemented - additional recycling does not appear to be feasible due to permitting requirements
[ ] 1	[ ] 2	o.	Other (SPECIFY COMMENTS IN BOX BELOW)

FORM OI

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: _____

EPA ID NO: NJD 004 362 059

FORM OI

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: ILD 099 202 681

B. Name of off-site installation or transporter: CHEMICAL WASTE MANAGEMENT INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of generator
Street: 41-85 DOREMUS AVENUE
City: NEWARK
State: NJ Zip: 07105

Site 2

A. EPA ID No. of off-site installation or transporter: NJD 002 454 544

B. Name of off-site installation or transporter: MARISOL INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
Street: 125 FACTORY LANE
City: MIDDLESEX
State: NJ Zip: 08846

Site 3

A. EPA ID No. of off-site installation or transporter: NJD 002 454 544

B. Name of off-site installation or transporter: MARISOL INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of generator
Street: 125 FACTORY LANE
City: MIDDLESEX
State: NJ Zip: 08846

Site 4

A. EPA ID No. of off-site installation or transporter: NJD 991 291 584

B. Name of off-site installation or transporter: ENVIRONMENTAL TRANSFER GROUP INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of generator
Street: 1 EDEN LANE
City: FLANDERS
State: NJ Zip: 07836

Site 5

A. EPA ID No. of off-site installation or transporter: NJD 980 536 593

B. Name of off-site installation or transporter: ADVANCED ENVIRONMENTAL TECHNOLOGY CORP.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
Street: 1 EDEN LANE
City: FLANDERS
State: NJ Zip: 07836

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO.
FAIRLAWN, NJ

EPA ID NO: NJD 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

FORM 01

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: ILD 098 624 124

B. Name of off-site installation or transporter: TRADE WASTE INCINERATION

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
Street: 7 MOBILE AVENUE
City: SAUGET
State: IL Zip: 62201-1069

Site 2

A. EPA ID No. of off-site installation or transporter: NJD 089 216 790

B. Name of off-site installation or transporter: CHEMICAL WASTE MANAGEMENT OF NEW JERSEY INC

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
Street: 100 LISTER AVENUE
City: NEWARK
State: NJ Zip: 07105-

Site 3

A. EPA ID No. of off-site installation or transporter: ALD 010 622 464

B. Name of off-site installation or transporter: CHEMICAL WASTE MANAGEMENT INC

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
Street: ALABAMA HIGHWAY 17 AT MILEMARKER 163
City: EMELLE
State: AL Zip: 35459-

Site 4

A. EPA ID No. of off-site installation or transporter: MAD 053 452 617

B. Name of off-site installation or transporter: CLEAN HARBORS OF BRAINTREE INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
Street: 385 QUINCY AVENUE
City: BRAINTREE
State: MA Zip: 02184-

Site 5

A. EPA ID No. of off-site installation or transporter: MAD 039 312 215 10

B. Name of off-site installation or transporter: CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of generator
Street: 100 JOSEPH STREET P.O.BOX 193
City: KINGSTOWN
State: MA Zip: 02361-

Comments:

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIRLAWN, NJ

EPA ID NO: NJD 004 362 059

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
OUTDATED AND EXPIRED ACUTELY HAZARDOUS LABORATORY MATERIALS

B. EPA hazardous waste code Page 19.
P 106 P 030 P 098 P 022 P 102

C. State hazardous waste code Page 19.
N/A N/A

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	J / M N/A	A 58	1	B 0014	2

Sec. II A. Quantity generated In 1992 Instruction Page 21.

B. Quantity generated in 1993 Page 21.
69840

C. UOM Density Page 21.
1 N/A
☐ 1 lbs/gal
☐ 2 sg

D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.
M N/A

Quantity treated, disposed or recycled on site in 1993
N/A

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.
M N/A

Quantity treated, disposed or recycled on site in 1993
N/A

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction Page 23.
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
Site 1	NJD 018 916 790	M 141	1	69840
Site 2	N/A	M N/A		N/A

Sec. IV A. Did new activities in 1993 result in minimization of this waste: Instruction Page 23.
☒ 1 Yes (CONTINUE TO SYSTEM 1)
☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1993 source reduction quantity Page 26.
W 11 W 12 W 31 W	☐ 1 Yes ☐ 2 No			

Comments:

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIRLAWN, NJ

EPA ID NO: NJD 010 432 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
OUTDATED AND EXPIRED ACUTELY HAZARDOUS LABORATORY MATERIALS

B. EPA hazardous waste code Page 19.
P 022
P 105
LABP
NA
NA

C. State hazardous waste code Page 19.
NA
NA

D. SIC code Page 19.	E. Origin code Page 19.	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / System type M049	A58	1	B0104	2

Sec. II A. Quantity generated in 1992 Instruction Page 21.
NA

B. Quantity generated in 1993 Page 21.
7920

C. UOM Density Page 21.
5 / 8010
[X] 1 lbs/gal
[ ] 2 sg

D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
[ ] 1 Yes (CONTINUE TO SYSTEM 1)
[X] 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.
MNA

Quantity treated, disposed or recycled on site in 1993
NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.
MNA

Quantity treated, disposed or recycled on site in 1993
NA

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction Page 23.
[X] 1 Yes (CONTINUE TO BOX B)
[ ] 2 No (SKIP TO SEC. M)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
Site 1	ILD 098 642 4214	M049	1	7920
Site 2	NA	MNA		NA

Sec. IV A. Did new activities in 1993 result in minimization of this waste: Instruction Page 23.
[X] 1 Yes (CONTINUE TO SYSTEM 1)
[ ] 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1993 source reduction quantity Page 25.
W11 W12 W31 W	[ ] 1 Yes [ ] 2 No			

Comments:

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIRLAWN, NJ

EPA ID NO: NJD 010 432 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
OUTDATED AND EXPIRED LABORATORY MATERIALS

B. EPA hazardous waste code Page 19.
LABP | N/A | N/A | N/A | N/A

C. State hazardous waste code Page 19.
N/A | N/A

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M 049	A 58	1	B 0011	2

Sec. II A. Quantity generated in 1992 Instruction Page 21.

B. Quantity generated in 1993 Page 21.
10344 0

C. UOM Density Page 21.
5 | 8.00
☒ 1 lbs/gal
☐ 2 sg

D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.
M | N/A

Quantity treated, disposed or recycled on site in 1993
N/A

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.
M | N/A

Quantity treated, disposed or recycled on site in 1993
N/A

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction Page 23.
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
Site 1	ILD 019 864 2424	M 049	1	10344 0
Site 2	N/A	M N/A		N/A

Sec. IV A. Did new activities in 1993 result in minimization of this waste: Instruction Page 23.
☒ 1 Yes (CONTINUE TO SYSTEM 1)
☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1993 source reduction quantity Page 25.
W 11 / W 12 / W 31 / W	☐ 1 Yes ☐ 2 No			

Comments:

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIRLAWN, NJ

EPA ID NO: NJD 004 362 059

FORM GM

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
OUTDATED AND EXPIRED LABORATORY MATERIALS

B. EPA hazardous waste code Page 19.
LABP NA
NA NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19. System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	2 M NA	A 53	1	B 002	2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
	2481 0	1 NA ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
M NA	NA

Sec. III

A. Was any of this waste shipped off-site in 1993 Instruction Page 23.
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site 1 B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
NJD 089 216 790	M 141	1	2369 0

Site 2 B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
ILD 098 642 424	M 049		1120

Sec. IV

A. Did new activities in 1993 result in minimization of this waste: Instruction Page 23.
☒ 1 Yes (CONTINUE TO SYSTEM 1)
☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 24.	F. 1993 source reduction quantity Page 26.
W 11 W 12 W 31 W	☐ 1 Yes ☐ 2 No			

Comments:

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

FORM GM

...PYING FORM, ATTACH SITE IDENTIFICATION LABEL

FISHER SCIENTIFIC CO
FAIRLAWN, NJ

NJD 004 362 059

...ONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

... Waste description - Instruction page 18.
OUTDATED AND EXPIRED LABORATORY MATERIALS

...ardous waste code Page 19.
B P NA
A NA NA

C. State hazardous waste code Page 19.
NA NA

...	E. Origin code Page 19.	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
9	1 System type M NA	A 58	1	B 001	2

...A. Quantity generated in 1992 ...nstruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
	221970	1 NA ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

...ROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
...stem type	Quantity treated, disposed or recycled on site in 1993	On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
	NA	M NA	NA

A. Was any of this waste shipped off-site in 1993 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

...EPA ID No. of facility waste was shipped to ...e 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
JD 330 536 593	M 141	1	11300
...EPA ID No. of facility waste was shipped to ...e 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
JD 089 216 790	M 141	1	21067 0

A. Did new activities in 1993 result in minimization of this waste: Instruction Page 23. ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (THIS FORM IS COMPLETE)

... Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1993 source reduction quantity Page 26.
W 12 W	☐ 1 Yes ☐ 2 No			

...s:

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIRLAWN, NJ

EPA ID NO: NJD 004 362 059

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
MIXED FLAMMABLE SOLVENTS

B. EPA hazardous waste code Page 19.
D001 D002
NA NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19. System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 M NA	A 58	2	B 203	2

Sec. II

A. Quantity generated In 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Page 21. Density	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
20876 0	5700 0	5 8 00 [X] 1 lbs/gal [ ] 2 sg	[ ] 1 Yes (CONTINUE TO SYSTEM 1) [X] 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
M NA	NA

Sec. III

A. Was any of this waste shipped off-site in 1993 Instruction Page 23. [X] 1 Yes (CONTINUE TO BOX B) [ ] 2 No (SKIP TO SEC. IV)

Site 1 B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
MAD 053 452 637	M 141	1	5700 0

Site 2 B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
NA	M NA		NA

Sec. IV

A. Did new activities in 1993 result in minimization of this waste: Instruction Page 23. [X] 1 Yes (CONTINUE TO SYSTEM 1) [ ] 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1993 source reduction quantity Page 25.
W 11 W 12 W 31 W	[ ] 1 Yes [ ] 2 No			

Comments:

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIRLAWN, NJ

EPA ID NO: NJD 004 362 059

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
CAUSTIC SOLUTIONS

B. EPA hazardous waste code Page 19.
D002 NA
NA NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19.	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 System type M NA	A 58	1	B 110	2

Sec. II

A. Quantity generated In 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
5199 0	1100 0	5 8 00 [X] 1 lbs/gal [ ] 2 sg	[ ] 1 Yes (CONTINUE TO SYSTEM 1) [X] 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
M NA	NA

Sec. III

A. Was any of this waste shipped off-site in 1993 Instruction Page 23. [X] 1 Yes (CONTINUE TO BOX B) [ ] 2 No (SKIP TO SEC. IV)

Site 1	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
	MAD 053 452 637	M 141	1	1100 0

Site 2	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
	NA	M NA		NA

Sec. IV

A. Did new activities in 1993 result in minimization of this waste: Instruction Page 23. [X] 1 Yes (CONTINUE TO SYSTEM 1) [ ] 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1993 source reduction quantity Page 26.
W 11 W 12 W 31 W	[ ] 1 Yes [ ] 2 No			

Comments:

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIRLAWN, NJ

EPA ID NO: NJD 010 432 059

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
WASTE SOLUTION CONTAINING METALS

B. EPA hazardous waste code Page 19.
D011 D007
D005 NA NA

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19.	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1	A 58	1	B 219	2
	System type M NA				

Sec. II

A. Quantity generated In 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
33350	6050	5 8010	☐ 1 Yes (CONTINUE TO SYSTEM 1)
		☒ 1 lbs/gal ☐ 2 sg	☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
Site 1	MADO53452637	M 141	1	60500
Site 2	NA	M NA		NA

Sec. IV A. Did new activities in 1993 result in minimization of this waste: ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1993 source reduction quantity Page 26.
W 11 W 12 W 31 W	☐ 1 Yes ☐ 2 No			

Comments:

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIRLAWN, NJ

EPA ID NO: NJD | 0004 | 3627 | 0519

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
CONTAMINATED GROUND WATER

B. EPA hazardous waste code Page 19.
F039 | NA | NA | NA | NA

C. State hazardous waste code Page 19.
NA | NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M NA	A 58	1	B 1101	2

Sec. II

A. Quantity generated In 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
50000	374000	5 / 8.0	[X] 1 lbs/gal [ ] 2 sg
			[ ] 1 Yes (CONTINUE TO SYSTEM 1) [X] 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
M NA	NA

Sec. III

A. Was any of this waste shipped off-site in 1993 Instruction Page 23. [X] 1 Yes (CONTINUE TO BOX B) [ ] 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
Site 1	MAD	053	4512	6317	M 141	1	374000
Site 2			NA		M NA		

Sec. IV

A. Did new activities in 1993 result in minimization of this waste: Instruction Page 23. [X] 1 Yes (CONTINUE TO SYSTEM 1) [ ] 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1993 source reduction quantity Page 26.
W 11 / W 12 / W 31 / W	[ ] 1 Yes [ ] 2 No			

Comments:

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIRLAWN, NJ

EPA ID NO: NJD 010 436 259

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
HYPOCHLORITE SOLUTIONS

B. EPA hazardous waste code Page 19.
D002 | NA | NA | NA | NA

C. State hazardous waste code Page 19.
NA | NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M NA	A 58	1	B 110	2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
	A 500	5 / 8010 / ☒ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
M NA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
M NA	NA

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
Site 1	MAD 053 452 637	M 141	1	45000
Site 2	NA	M NA		NA

Sec. IV A. Did new activities in 1993 result in minimization of this waste: ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (THIS FORM IS COMPLETE) Instruction Page 23.

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1993 source reduction quantity Page 25.
W 11 / W 12 / W 31 / W	☐ 1 Yes ☐ 2 No			

Comments:

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIRLAWN, NJ

EPA ID NO: NJD 004 362 059

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
WASTE: ACID SOLUTIONS WITH METALS

B. EPA hazardous waste code Page 19.
D002 D007
D004 D005 D006

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19.	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 System type M NA	A 58	1	B 104	2

Sec. II

A. Quantity generated In 1992 Instruction Page 21.

B. Quantity generated in 1993 Page 21.
7765 0

C. UOM Density Page 21.
5 8 00
[X] 1 lbs/gal
[ ] 2 sg

D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
[ ] 1 Yes (CONTINUE TO SYSTEM 1)
[X] 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.
M NA

Quantity treated, disposed or recycled on site in 1993
NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.
M NA

Quantity treated, disposed or recycled on site in 1993
NA

Sec. III

A. Was any of this waste shipped off-site in 1993 Instruction Page 23.
[X] 1 Yes (CONTINUE TO BOX B)
[ ] 2 No (SKIP TO SEC. IV)

Site 1	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
	MAD 053 452 637	M 141	1	7765 0

Site 2	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
	NA	M NA		NA

Sec. IV

A. Did new activities in 1993 result in minimization of this waste: Instruction Page 23.
[X] 1 Yes (CONTINUE TO SYSTEM 1)
[ ] 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1993 source reduction quantity Page 26.
W11 W12 W31 W	[ ] 1 Yes [ ] 2 No			

Comments: D008, D010, D011

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIRLAWN, NJ

EPA ID NO: NJD 004 362 059

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
WASTE ACID SOLUTIONS

B. EPA hazardous waste code Page 19.
D002 | NA | NA | NA | NA

C. State hazardous waste code Page 19.
NA | NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M NA	A 58	1	B 1014	2

Sec. II A. Quantity generated in 1992 Instruction Page 21.

B. Quantity generated in 1993 Page 21.
6895 0

C. UOM Density Page 21.
5 | 8.00
[X] 1 lbs/gal
[ ] 2 sg

D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
[ ] 1 Yes (CONTINUE TO SYSTEM 1)
[X] 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.
M NA

Quantity treated, disposed or recycled on site in 1993
NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.
M NA

Quantity treated, disposed or recycled on site in 1993
NA

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction Page 23.
[X] 1 Yes (CONTINUE TO BOX B)
[ ] 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
Site 1	MAD 053 452 637	M 141	1	16895 0
Site 2	NA	M NA		NA

Sec. IV A. Did new activities in 1993 result in minimization of this waste: Instruction Page 23.
[X] 1 Yes (CONTINUE TO SYSTEM 1)
[ ] 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1993 source reduction quantity Page 26.
W 11 / W 12 / W 31 / W	[ ] 1 Yes [ ] 2 No			

Comments:

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIRLAWN, NJ

EPA ID NO: NJD 010 436 259

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
WASTE CONTAINING MERCURY

B. EPA hazardous waste code Page 19.
D002 D009 N/A N/A N/A

C. State hazardous waste code Page 19.
N/A N/A

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M N/A	A 58	1	B 1110	2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
16	2650	5 800	☒ 1 lbs/gal ☐ 2 sg

D. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
M N/A	N/A

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
M N/A	N/A

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction Page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
Site 1	MAD 058 452 637	M 14	1	2650
Site 2	N/A	M N/A	1	N/A

Sec. IV A. Did new activities in 1993 result in minimization of this waste: Instruction Page 23. ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1993 source reduction quantity Page 26.
W 11 W 12 W 31 W	☐ 1 Yes ☐ 2 No			

Comments:

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIRLAWN, NJ

EPA ID NO: NJD 010 4 362 059

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
SOLIDS FROM SITE CLEAN UP

B. EPA hazardous waste code Page 19.
U 0 0 3 | D 0 0 1
N A | N A | N A

C. State hazardous waste code Page 19.
N A | N A

D. SIC code Page 19.	E. Origin code Page 19.	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	System type M N A	A 5 8	1	B 3 0 1	2

Sec. II A. Quantity generated in 1992 Instruction Page 21.
4 7 2 1 6 0

B. Quantity generated in 1993 Page 21.
3 9 6 0 0

C. UOM Density Page 21.
1 N A
☐ 1 lbs/gal
☐ 2 sg

D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.
M N A

Quantity treated, disposed or recycled on site in 1993
N A

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.
M N A

Quantity treated, disposed or recycled on site in 1993
N A

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction Page 23.
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
Site 1	MAD 015 452 637	M 1 4 1	1	3 9 6 0 0
Site 2	N A	M N A		N A

Sec. IV A. Did new activities in 1993 result in minimization of this waste: Instruction Page 23.
☒ 1 Yes (CONTINUE TO SYSTEM 1)
☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1993 source reduction quantity Page 25.
W 1 1 W 1 2	☐ 1 Yes			
W 3 1 W	☐ 2 No			

Comments:

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO.
FAIRLAWN, NJ

EPA ID NO: NJD 004 362 059

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
OUT DATED AND OFF SPEC. LABORATORY MATERIALS

B. EPA hazardous waste code Page 19.
U080 | N/A | N/A | N/A | N/A

C. State hazardous waste code Page 19.
N/A | N/A

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M061	A58	1	B202	2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
	1100	5 / 12.00 / [X] 1 lbs/gal [ ] 2 sg	[ ] 1 Yes (CONTINUE TO SYSTEM 1) [X] 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
MNA	N/A

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
MNA	N/A

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction Page 23. [X] 1 Yes (CONTINUE TO BOX B) [ ] 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
Site 1	NJD 002 454 454	M061	1	1100
Site 2	N/A	MNA		N/A

Sec. IV A. Did new activities in 1993 result in minimization of this waste: [X] 1 Yes (CONTINUE TO SYSTEM 1) [ ] 2 No (THIS FORM IS COMPLETE) Instruction Page 23.

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1993 source reduction quantity Page 25.
W11 W12 W31 W	[ ] 1 Yes [ ] 2 No			

Comments:

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIRLAWN, NJ

EPA ID NO: NJD 004 362 059

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
NON-CHLORINATED IGNITABLE LIQUIDS WITH METALS

B. EPA hazardous waste code Page 19.
D001 D004
D005 D006 D008

C. State hazardous waste code Page 19.
N/A N/A

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M N/A	A 518	1	B 203	2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
	25000	5 / 8.010	[X] 1 lbs/gal [ ] 2 sg

[ ] 1 Yes (CONTINUE TO SYSTEM 1)
[X] 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993	On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
M N/A	N/A	M N/A	N/A

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction Page 23.
[X] 1 Yes (CONTINUE TO BOX B)
[ ] 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
Site 1	MAD 053 451 263	M 114	1	25000
Site 2	N/A	M N/A		N/A

Sec. IV A. Did new activities in 1993 result in minimization of this waste: [X] 1 Yes (CONTINUE TO SYSTEM 1)
[ ] 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1993 source reduction quantity Page 26.
W 11 1 / W 11 2 / W 31 1 / W	[ ] 1 Yes [ ] 2 No			

Comments:
D010, D011

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIRLAWN, NJ

EPA ID NO: NJD 004 362 059

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
NON-HALOGENATED SOLVENTS WITH WATER >10%

B. EPA hazardous waste code Page 19.
U122 U080 U003 U044 U188

C. State hazardous waste code Page 19.
NA NA

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / MNA	A09	1	B203	2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
30460	31210	5 / 8 / 00 [X] 1 lbs/gal [ ] 2 sg	[ ] 1 Yes (CONTINUE TO SYSTEM 1) [X] 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
MNA	NA

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
MNA	NA

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction Page 23. [X] 1 Yes (CONTINUE TO BOX B) [ ] 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
Site 1	MAD 053 452 637	M141	1	3121 0
Site 2	NA	MNA		NA

Sec. IV A. Did new activities in 1993 result in minimization of this waste: [X] 1 Yes (CONTINUE TO SYSTEM 1) [ ] 2 No (THIS FORM IS COMPLETE) Instruction Page 23.

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1993 source reduction quantity Page 25.
W11 W12 W31 W	[ ] 1 Yes [ ] 2 No			

Comments:

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC CO.
FAIRLAWN,NJ

EPA ID NO: NJD 004 362 059

FORM GM

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
IGNITABLE OUT DATED AND OFF SPEC. LABORATORY MATERIALS

B. EPA hazardous waste code Page 19.
D001 | N/A | N/A | N/A | N/A

C. State hazardous waste code Page 19.
N/A | N/A

D. SIC code Page 19.	E. Origin code Page 19. / System type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
2869	1 / M 061	A 58	1	E 203	2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Density Page 21.	D. Did this site do any of the following to the waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
	16460	5 16 010 ☒ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
M N/A	N/A

ON-SITE PROCESS SYSTEM 2

On-site system type Page 22.	Quantity treated, disposed or recycled on site in 1993
M N/A	N/A

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction Page 23. ☒ 1 Yes (CONTINUE TO SOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. total quantity shipped in
Site 1	NJD 002 454 544	M 061	1	16460
Site 2	N/A	M N/A		N/A

Sec. IV A. Did new activities in 1993 result in minimization of this waste: ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/ production index Page 24.	F. 1993 source reduction quantity Page 25.
W 111 W 112 W 131 W	☐ 1 Yes ☐ 2 No			

Comments:

TREATABILITY STUDY
INFORMATION PURSUANT TO 40 CFR 261.4 (e)(vi)

To the Regulatory Agency you sent to your Annual Report to

RE: Fisher Scientific Company
EPA ID No. GAD 047 957 386

SUBJECT: Treatability Study Information 40 CFR 261.4 (e) (vi)

Dear Sir:

Generators are required to report the following information in their biennial report pursuant to the above referenced regulation:

1) The amount of waste shipped under the treatability study exemption;
2) The name, address and EPA identification number of the testing facility that received the waste;
3) The date the shipment was made; and
4) Whether or not unused samples and residues were returned to the generator.

Attached are copies of the information required for the facility identified above. If you have question with the information or the biennial report please contact Mr. Dan Beaver at (insert telephone number). INSERT Home

Sincerely yours,

Thomas J. Tisa
Manager,
Environmental Programs

Attachments

cc: L. D'Angelo

TREATABL.DOC

ADVANCED ENVIRONMENTAL
RECYCLING CORPORATION
EPA ID# PAD 987367216

February 23, 1994

RECEIVED
FEB 24 1994
FISHER SCIENTIFIC
REGULATORY

Mr. Tom Tisa
Fisher Scientific
711 Forbes Ave.
Pittsburgh, PA 15219

Dear Mr. Tisa:

Please find enclosed a summary of samples sent to Advanced Environmental Recycling Corporation's (AERC's) Allentown, Pennsylvania, research center for treatability studies during 1993.

For compliance with 40 CFR 261.4(e) "Treatability Study Samples," please attach this as an addendum to your Generator's Annual Report.

If you have further questions or need additional information, please contact me at 1-800-554-2372.

Sincerely,

Sandra M. Smith/ajo
Sandra M. Smith
Account Representative

SMS/ajo

Enclosure

2591 Mitchell Avenue, Allentown, PA 18103 1-800-554-AERC • 215-797-7608 • Fax 215-797-7696

Printed on Recycled Paper

MATERIAL RECEIVED FOR TREATABILITY STUDIES - 1992

SAMPLE #	GENERATOR NAME	ADDRESS	EPA ID #	DATE RECEIVED	DATE SHIPPED	SAMPLE DESCRIPTION	SAMPLE QUANTITY
2NJ30205K	Fisher Scientific	1 Reagent Lane, Fair Lawn, NJ 07410	NJD004362059	03/03/93	02/05/93	MERCUROUS CHLORIDE	0.75 LB
2NJ30205K	Fisher Scientific	1 Reagent Lane, Fair Lawn, NJ 07410	NJD004362059	03/03/93	02/05/93	MERCURIC IODIDE	0.75 LB
2NJ30205K	Fisher Scientific	1 Reagent Lane, Fair Lawn, NJ 07410	NJD004362059	03/03/93	02/05/93	MERCURIC CHLORIDE	4 LB
2NJ30205K	Fisher Scientific	1 Reagent Lane, Fair Lawn, NJ 07410	NJD004362059	03/03/93	02/05/93	MERCURIC IODIDE	2 LB
2NJ30205K	Fisher Scientific	1 Reagent Lane, Fair Lawn, NJ 07410	NJD004362059	03/03/93	02/05/93	MERCURIC OXIDE	0.5 LB
3NJ107088	Fisher Scientific	1 Reagent Lane, Fair Lawn, NJ 07410	NJD004362059	09/08/93	07/08/93	Mercurous Chloride	0.25 lb
3NJ107089	Fisher Scientific	1 Reagent Lane, Fair Lawn, NJ 07410	NJD004362059	09/08/93	07/08/93	Mercuric Chloride	0.25 lb
3NJ107088	Fisher Scientific	1 Reagent Lane, Fair Lawn, NJ 07410	NJD004362059	09/08/93	07/08/93	Mercuric Oxide	3.00 lb
3NJ107088	Fisher Scientific	1 Reagent Lane, Fair Lawn, NJ 07410	NJD004362059	09/08/93	07/08/93	Mercuric Nitrate	1.00 lb
3NJ107088	Fisher Scientific	1 Reagent Lane, Fair Lawn, NJ 07410	NJD004362059	09/08/93	07/08/93	Mercuric Sulfate	3.00 lb
			NJD004362059	09/08/93	07/08/93	Mercuric Bromide	2.00 lb
			NJD004362059	09/08/93	07/08/93	Mercuric Iodide	0.50 lb
							0.50 lb

No unused samples or residue were returned to generator.

ROBERT M. BLANCHFIELD, VICE PRESIDENT. Robert M. Blanchfield

NORTH ATLANTIC UTILITIES, INC.
209 SEA CLIFF AVENUE
SEA CLIFF, NY 11579
(516) 759-5400

I N V O I C E

FISHER SCIENTIFIC
One Reagent Lane
Fair Lawn, New Jersey 07410
Att: Accounts Payable Dept.

INVOICE #	FS-46
DATE	1/14/94
ACCOUNT #	ISG GAS
P.O. #	38905
REQ. #	
SERVICES	Gas Svc. 12/01 - 12/31/93
TERMS	Net 15 Days

QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
29,900	ths		$ 0.3003/th	$ 8,978.97

Gas transported to PSE&G including cost of gas, Texas Eastern fees, PSE&G and Texas Eastern shrink and NAU fee.

Savings Computation:

PSE&G Tariff No. 4 Oil: $ 0.3858/th

PSE&G transport : $ 0.0709/th
NAU gas supply : $ 0.3003/th

Customer's Cost : $ 0.3712/th

Net Unit savings : $ 0.0146/th

Percent Saved : $ 0.0146/th / $ 0.3858/th = 3.8 %

COMPLETED
24479
10474

Amount Saved: 29,900 ths x $ 0.0146/th = $ 436.54

Amount Saved To Date = $ 73,825.59

$ 0.00

PLEASE PAY FROM THIS INVOICE

PLEASE REMEMBER TO FAX OR MAIL A COPY OF YOUR PSE&G BILL EACH MONTH AS IT IS RECEIVED SO THAT WE MAY RECONCILE YOUR ACCOUNT ACCORDINGLY. WE APPRECIATE AND THANK YOU FOR YOUR COOPERATION.

Sub Total	$ 8,978.97
Tax	
Total	$ 8,978.97

NORTH ATLANTIC UTILITIES, INC.
209 SEA CLIFF AVENUE
SEA CLIFF, NY 11579
(516) 759-5400

I N V O I C E

FISHER SCIENTIFIC
One Reagent Lane
Fair Lawn, New Jersey 07410
Att: Accounts Payable Dept.

INVOICE #	FS-45
DATE	12/10/93
ACCOUNT #	ISG GAS
P.O. #	38905
REQ. #	
SERVICES	Nat. Gas Svc. 11/01 - 11/30/93
TERMS	Net 15 Days

QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
31,820	ths		$ 0.3080/th	$ 9,800.56

Gas transported to PSE&G including cost of gas, Texas Eastern fees, PSE&G and Texas Eastern shrink and NAU fee.

Savings Computation:

PSE&G Tariff No. 4 Oil: $ 0.3915/th

PSE&G transport : $ 0.0709/th
NAU gas supply : $ 0.3080/th

Customer's Cost : $ 0.3789/th

Net Unit savings : $ 0.0126/th

Percent Saved : $ 0.0126/th / $ 0.3915/th = 3.2 %

Amount Saved: 31,820 ths x $ 0.0126/th =$ 400.93

Amount Saved To Date =$ 73,389.05

COMPLETED

APPROVAL

VI 240364

PI 10409

		$ 0.00
PLEASE PAY FROM THIS INVOICE		
PLEASE REMEMBER TO FAX OR MAIL A COPY OF YOUR PSE&G BILL EACH MONTH AS IT IS RECEIVED SO THAT WE MAY RECONCILE YOUR ACCOUNT ACCORDINGLY. WE APPRECIATE AND THANK YOU FOR YOUR COOPERATION.	Sub Total	$ 9,800.56
	Tax	
	Total	$ 9,800.56

NORTH ATLANTIC UTILITIES, INC.
209 SEA CLIFF AVENUE
SEA CLIFF, NY 11579
(516) 759-5400

I N V O I C E

INVOICE #	FS-44
DATE	11/05/93
ACCOUNT #	ISG GAS
P.O. #	38905
REQ. #	
SERVICES	Nat. Gas Svc. 10/01 - 10/31/93
TERMS	Net 15 Days

FISHER SCIENTIFIC
One Reagent Lane
Fair Lawn, New Jersey 07410
Att: Accounts Payable Dept.

QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
26,170	ths		$ 0.2575/th	$ 6,738.78

Gas transported to PSE&G including cost of gas, Texas Eastern fees, PSE&G and Texas Eastern shrink and NAU fee.

Savings Computation:

PSE&G Tariff No. 4 Oil: $ 0.3799/th

PSE&G transport : $ 0.0709/th
NAU gas supply : $ 0.2575/th

Customer's Cost : $ 0.3284/th

Net Unit savings : $ 0.0515/th

Percent Saved : $ 0.0515/th / $ 0.3799/th = 13.6 %

APPROVAL DJL

V # 23865-8

B # 10314

Amount Saved: 26,170 ths x $ 0.0515/th = $ 1,347.76

Amount Saved To Date = $ 72,988.12

		$ 0.00
PLEASE PAY FROM THIS INVOICE PLEASE REMEMBER TO FAX OR MAIL A COPY OF YOUR PSE&G BILL EACH MONTH AS IT IS RECEIVED SO THAT WE MAY RECONCILE YOUR ACCOUNT ACCORDINGLY. WE APPRECIATE AND THANK YOU FOR YOUR COOPERATION.	Sub Total Tax	$ 6,738.78
	Total	$ 6,738.78

NORTH ATLANTIC UTILITIES, INC.
209 SEA CLIFF AVENUE
SEA CLIFF, NY 11579
(516) 759-5400

I N V O I C E

FISHER SCIENTIFIC
One Reagent Lane
Fair Lawn, New Jersey 07410
Att: Accounts Payable Dept.

INVOICE #	FS-43
DATE	10/06/93
ACCOUNT #	ISG GAS
P.O. #	38905
REQ. #	
SERVICES	Nat. Gas Svc. 09/01 - 09/30/93
TERMS	Net 15 Days

QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
18,300	ths		$ 0.2830/th	$ 5,178.90

Gas transported to PSE&G including cost of gas, Texas Eastern fees, PSE&G and Texas Eastern shrink and NAU fee.

Savings Computation:

PSE&G Tariff No. 4 Oil: $ 0.3625/th

PSE&G transport : $ 0.0709/th
NAU gas supply : $ 0.2830/th

Customer's Cost : $ 0.3539/th

Net Unit savings : $ 0.0086/th

Percent Saved : $ 0.0086/th / $ 0.3625/th = 2.4 %

Amount Saved: 18,300 ths x $ 0.0086/th=$ 157.38

Amount Saved To Date [redacted] =$ 71,640.36

[redacted] 237191

[redacted] 10232

$ 0.00

PLEASE PAY FROM THIS INVOICE

PLEASE REMEMBER TO FAX OR MAIL A COPY OF YOUR PSE&G BILL EACH MONTH AS IT IS RECEIVED SO THAT WE MAY RECONCILE YOUR ACCOUNT ACCORDINGLY. WE APPRECIATE AND THANK YOU FOR YOUR COOPERATION.

Sub Total	$ 5,178.90
Tax	
Total	$ 5,178.90

NORTH ATLANTIC UTILITIES, INC.
209 SEA CLIFF AVENUE
SEA CLIFF, NY 11579
(516) 759-5400

I N V O I C E

FISHER SCIENTIFIC
One Reagent Lane
Fair Lawn, New Jersey 07410
Att: Accounts Payable Dept.

INVOICE #	FS-43
DATE	10/06/93
ACCOUNT #	ISG GAS
P.O. #	38905
REQ. #	
SERVICES	Nat. Gas Svc. 09/01 - 09/30/93
TERMS	Net 15 Days

QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
18,300	ths		$ 0.2830/th	$ 5,178.90

Gas transported to PSE&G including cost of gas, Texas Eastern fees, PSE&G and Texas Eastern shrink and NAU fee.

Savings Computation:

PSE&G Tariff No. 4 Oil: $ 0.3625/th

PSE&G transport : $ 0.0709/th
NAU gas supply : $ 0.2830/th

Customer's Cost : $ 0.3539/th

Net Unit savings : $ 0.0086/th

Percent Saved : $ 0.0086/th / $ 0.3625/th = 2.4 %

Amount Saved: 18,300 ths x $ 0.0086/th=$ 157.38

Amount Saved To Date =$ 71,640.36

		$ 0.00
PLEASE PAY FROM THIS INVOICE PLEASE REMEMBER TO FAX OR MAIL A COPY OF YOUR PSE&G BILL EACH MONTH AS IT IS RECEIVED SO THAT WE MAY RECONCILE YOUR ACCOUNT ACCORDINGLY. WE APPRECIATE AND THANK YOU FOR YOUR COOPERATION.	Sub Total Tax	$ 5,178.90
	Total	$ 5,178.90

NORTH ATLANTIC UTILITIES, INC.
209 SEA CLIFF AVENUE
SEA CLIFF, NY 11579
(516) 759-5400

I N V O I C E

INVOICE #	FS-42
DATE	9/09/93
ACCOUNT #	ISG GAS
P.O. #	38905
REQ. #	
SERVICES	Nat. Gas Svc. 08/01 - 08/31/93
TERMS	Net 15 Days

FISHER SCIENTIFIC
One Reagent Lane
Fair Lawn, New Jersey 07410
Att: Accounts Payable Dept.

QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
18,880	ths		$ 0.2622/th	$ 4,950.34

Gas transported to PSE&G including cost of gas, Texas Eastern fees, PSE&G and Texas Eastern shrink and NAU fee.

Savings Computation:

PSE&G Tariff No. 4 Oil: $ 0.3625/th

PSE&G transport : $ 0.0709/th
NAU gas supply : $ 0.2622/th

Customer's Cost : $ 0.3331/th

Net Unit savings : $ 0.0294/th

Percent Saved : $ 0.0294/th / $ 0.3625/th = 8.1 %

APPROVAL
[illegible] 236111
[illegible] 10171

Amount Saved: 18,880 ths x $ 0.0294/th=$ 555.07

Amount Saved To Date =$ 71,482.98

		$ 0.00
PLEASE PAY FROM THIS INVOICE PLEASE REMEMBER TO FAX OR MAIL A COPY OF YOUR PSE&G BILL EACH MONTH AS IT IS RECEIVED SO THAT WE MAY RECONCILE YOUR ACCOUNT ACCORDINGLY. WE APPRECIATE AND THANK YOU FOR YOUR COOPERATION.	Sub Total Tax	$ 4,950.34
	Total	$ 4,950.34

NORTH ATLANTIC UTILITIES, INC.
209 SEA CLIFF AVENUE
SEA CLIFF, NY 11579
(516) 759-5400

I N V O I C E

FISHER SCIENTIFIC
One Reagent Lane
Fair Lawn, New Jersey 07410
Att: Accounts Payable Dept.

INVOICE #	FS-41
DATE	8/06/93
ACCOUNT #	ISG GAS
P.O. #	38905
REQ. #	
SERVICES	Nat. Gas Svc. 07/01 - 07/31/93
TERMS	Net 15 Days

QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
15,420	ths		$ 0.2539/th	$ 3,915.14

Gas transported to PSE&G including cost of gas, Texas Eastern fees, PSE&G and Texas Eastern shrink and NAU fee.

Savings Computation:

PSE&G Tariff No. 4 Oil: $ 0.3857/th

PSE&G transport : $ 0.0709/th
NAU gas supply : $ 0.2539/th

Customer's Cost : $ 0.3248/th

Net Unit savings : $ 0.0609/th

Percent Saved : $ 0.0609/th / $ 0.3857/th = APPROVED

T # 234238

B # 10060

Amount Saved: 15,420 ths x $ 0.0609/th=$ 939.08

Amount Saved To Date =$ 70,927.91

		$ 0.00
PLEASE PAY FROM THIS INVOICE PLEASE REMEMBER TO FAX OR MAIL A COPY OF YOUR PSE&G BILL EACH MONTH AS IT IS RECEIVED SO THAT WE MAY RECONCILE YOUR ACCOUNT ACCORDINGLY. WE APPRECIATE AND THANK YOU FOR YOUR COOPERATION.	Sub Total Tax	$ 3,915.14
	Total	$ 3,915.14

NORTH ATLANTIC UTILITIES, INC.
209 SEA CLIFF AVENUE
SEA CLIFF, NY 11579
(516) 759-5400

I N V O I C E

INVOICE #	FS-40
DATE	7/08/93
ACCOUNT #	ISG GAS
P.O. #	38905
REQ. #	
SERVICES	Nat. Gas Svc. 06/01 - 06/30/93
TERMS	Net 15 Days

FISHER SCIENTIFIC
One Reagent Lane
Fair Lawn, New Jersey 07410
Att: Accounts Payable Dept.

QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
17,670	ths		$ 0.2752/th	$ 4,862.78

Gas transported to PSE&G including cost of gas, Texas Eastern fees, PSE&G and Texas Eastern shrink and NAU fee.

Savings Computation:

PSE&G Tariff No. 4 Oil: $ 0.3965/th

PSE&G transport : $ 0.0709/th
NAU gas supply : $ 0.2752/th

Customer's Cost : $ 0.3461/th

Net Unit savings : $ 0.0504/th

Percent Saved : $ 0.0504/th / $ 0.3965/th = 12.7 %

APPROVAL
233353
B # 9987

Amount Saved: 17,670 ths x $ 0.0504/th = $ 890.57

Amount Saved To Date = $ 69,988.83

		$ 0.00
PLEASE PAY FROM THIS INVOICE PLEASE REMEMBER TO FAX OR MAIL A COPY OF YOUR PSE&G BILL EACH MONTH AS IT IS RECEIVED SO THAT WE MAY RECONCILE YOUR ACCOUNT ACCORDINGLY. WE APPRECIATE AND THANK YOU FOR YOUR COOPERATION.	Sub Total Tax Total	$ 4,862.78 $ 4,862.78

NORTH ATLANTIC UTILITIES, INC.
209 SEA CLIFF AVENUE
SEA CLIFF, NY 11579
(516) 759-5400

2 - 5503

INVOICE #	FS-39
DATE	6/10/93
ACCOUNT #	ISG GAS
P.O. #	38905
REQ. #	
SERVICES	Nat. Gas Svc. 5/01-5/31/93
TERMS	Net 15 Days

I N V O I C E

FISHER SCIENTIFIC
One Reagent Lane
Fair Lawn, New Jersey 07410
Att: Accounts Payable Dept.

QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
19,840	ths		$ 0.3150/th	$ 6,249.60

Gas transported to PSE&G including cost of gas, Texas Eastern fees, PSE&G and Texas Eastern shrink and NAU fee.

Savings Computation:

PSE&G Tariff No. 4 Oil: $ 0.4098/th

PSE&G transport : $ 0.0709/th
NAU gas supply : $ 0.3150/th

Customer's Cost : $ 0.3859/th

Net Unit savings : $ 0.0239/th

Percent Saved : $ 0.0239/th / $ 0.4098/th = 5.8[illegible]

VN 16712 Cu
232196
9905

Amount Saved: 19,840 ths x $ 0.0239/th=$ 474.18

Amount Saved To Date =$ 69,098.26

		$ 0.00
PLEASE PAY FROM THIS INVOICE PLEASE REMEMBER TO FAX OR MAIL A COPY OF YOUR PSE&G BILL EACH MONTH AS IT IS RECEIVED SO THAT WE MAY RECONCILE YOUR ACCOUNT ACCORDINGLY. WE APPRECIATE AND THANK YOU FOR YOUR COOPERATION.	Sub Total Tax	$ 6,249.60
	Total	$ 6,249.60

NORTH ATLANTIC UTILITIES, INC.
209 SEA CLIFF AVENUE
SEA CLIFF, NY 11579
(516) 759-5400

I N V O I C E

FISHER SCIENTIFIC
One Reagent Lane
Fair Lawn, New Jersey 07410
Att: Accounts Payable Dept.

INVOICE #	FS-38
DATE	5/10/93
ACCOUNT #	ISG GAS
P.O. #	38905
REQ. #	
SERVICES	Nat. Gas Svc. 4/01-4/30/93
TERMS	Net 15 Days

QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
30,810	ths		$ 0.2879/th	$ 8,870.20

Gas transported to PSE&G including cost of gas, Texas Eastern fees, PSE&G and Texas Eastern shrink and NAU fee.

Savings Computation:

PSE&G Tariff No. 4 Oil: $ 0.4164/th

PSE&G transport : $ 0.0709/th
NAU gas supply : $ 0.2879/th

Customer's Cost : $ 0.3588/th

Net Unit savings : $ 0.0576/th

Percent Saved : $ 0.0576/th / $ 0.4164/th = 13.8 %

Amount Saved: 30,810 ths x $ 0.0576/th=$ 1,774.66

APPROVAL

Amount Saved To Date V # 230389 =$ 68,624.08

B # 9799

		$ 0.00
PLEASE PAY FROM THIS INVOICE PLEASE REMEMBER TO FAX OR MAIL A COPY OF YOUR PSE&G BILL EACH MONTH AS IT IS RECEIVED SO THAT WE MAY RECONCILE YOUR ACCOUNT ACCORDINGLY. WE APPRECIATE AND THANK YOU FOR YOUR COOPERATION.	Sub Total Tax	$ 8,870.20
	Total	$ 8,870.20

NORTH ATLANTIC UTILITIES, INC.
209 SEA CLIFF AVENUE
SEA CLIFF, NY 11579
(516) 759-5400

I N V O I C E

INVOICE #	FS-37
DATE	4/08/93
ACCOUNT #	ISG GAS
P.O. #	38905
REQ. #	
SERVICES	Nat. Gas Svc. 3/1-3/31/93
TERMS	Net 15 Days

FISHER SCIENTIFIC
One Reagent Lane
Fair Lawn, New Jersey 07410
Att: Accounts Payable Dept.

QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
39,510	ths		$ 0.2804/th	$ 11,078.60

Gas transported to PSE&G including cost of gas, Texas Eastern fees, PSE&G and Texas Eastern shrink and NAU fee.

Savings Computation:

PSE&G Tariff No. 4 Oil: $ 0.3916/th

PSE&G transport : $ 0.0709/th
NAU gas supply : $ 0.2804/th

Customer's Cost : $ 0.3513/th

Net Unit savings : $ 0.0403/th

Percent Saved : $ 0.0403/th / $ 0.3916/th = 10.3 %

APPROVAL
V # 229247
P # 9713

Amount Saved: 39,510 ths x $ 0.0403/th=$ 1,592.25

Amount Saved To Date =$ 66,849.42

		$ 0.00
PLEASE PAY FROM THIS INVOICE	Sub Total	$ 11,078.60
PLEASE REMEMBER TO FAX OR MAIL A COPY OF YOUR PSE&G BILL EACH MONTH AS IT IS RECEIVED SO THAT WE MAY RECONCILE YOUR ACCOUNT ACCORDINGLY. WE APPRECIATE AND THANK YOU FOR YOUR COOPERATION.	Tax	
	Total	$ 11,078.60

NORTH ATLANTIC UTILITIES, INC.
209 SEA CLIFF AVENUE
SEA CLIFF, NY 11579
(516) 759-5400

I N V O I C E

INVOICE #	FS-36
DATE	3/08/93
ACCOUNT #	ISG GAS
P.O. #	38905
REQ. #	
SERVICES	Nat. Gas Svc. 02/01-02/28/93
TERMS	Net 15 Days

FISHER SCIENTIFIC
One Reagent Lane
Fair Lawn, New Jersey 07410
Att: Accounts Payable Dept.

QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
37,170	ths		$ 0.2628/th	$ 9,768.28

Gas transported to PSE&G including cost of gas, Texas Eastern fees, PSE&G and Texas Eastern shrink and NAU fee.

Savings Computation:

PSE&G Tariff No. 4 Oil: $ 0.4139/th

PSE&G transport : $ 0.0709/th
NAU gas supply : $ 0.2628/th

Customer's Cost : $ 0.3337/th

Net Unit savings : $ 0.0802/th

Percent Saved : $ 0.0802/th / $ 0.4139/th = 19.4 %

APPROVAL
VP 2272 96
9593

Amount Saved: 37,170 ths x $ 0.0802/th =$ 2,981.03

Amount Saved To Date =$ 65,257.17

DEBIT-SEE ATTACHED		$ -1.43
PLEASE PAY FROM THIS INVOICE		
PLEASE REMEMBER TO FAX OR MAIL A COPY OF YOUR PSE&G BILL EACH MONTH AS IT IS RECEIVED SO THAT WE MAY RECONCILE YOUR ACCOUNT ACCORDINGLY. WE APPRECIATE AND THANK YOU FOR YOUR COOPERATION.	Sub Total	$ 9,768.28
	Tax	
	Total	$ 9,769.71

NORTH ATLANTIC UTILITIES, INC.
209 SEA CLIFF AVENUE
SEA CLIFF, NY 11579
(516) 759-5400

I N V O I C E

FISHER SCIENTIFIC
One Reagent Lane
Fair Lawn, New Jersey 07410
Att: Accounts Payable Dept.

INVOICE #	FS-34
DATE	2/08/93
ACCOUNT #	ISG GAS
P.O. #	~~23930~~ 38705
REQ. #	
SERVICES	Nat. Gas Svc. 01/01-01/31/93
TERMS	Net 15 Days

QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
38,180	ths		$ 0.2924/th	$ 11,163.83

Gas transported to PSE&G including cost of gas, Texas Eastern fees, PSE&G and Texas Eastern shrink and NAU fee.

Savings Computation:

PSE&G Tariff No. 4 Oil: $ 0.4305/th

PSE&G transport : $ 0.0716/th
NAU gas supply : $ 0.2924/th

Customer's Cost : $ 0.3640/th

Net Unit savings : $ 0.0665/th

Percent Saved : $ 0.0665/th / $ 0.4305/th = 15.4 %

Amount Saved: 38,180 ths x $ 0.0665/th=$ 2,538.97

Amount Saved To Date APPROVED AJ =$ 62,275.82

V# 226157

B# 9513

	Credit	$ 0.00
PLEASE PAY FROM THIS INVOICE PLEASE REMEMBER TO FAX OR MAIL A COPY OF YOUR PSE&G BILL EACH MONTH AS IT IS RECEIVED SO THAT WE MAY RECONCILE YOUR ACCOUNT ACCORDINGLY. WE APPRECIATE AND THANK YOU FOR YOUR COOPERATION.	Sub Total Tax	$ 11,163.83
	Total	$ 11,163.83

FISHER SCIENTIFIC COMPANY
FAIR LAWN, NJ

SUPPLEMENTAL SUBMISSIONS

1. Closure cost estimate - Attachment 1.

2. There were no incidents in 1993 requiring the implementation of the contingency plan.

3. Completed waste analysis form - Attachment 2.

4. Completed daily inspection form - Attachment 3.

5. Declination by authorities - Not applicable. Local public agencies have agreed to cooperate in emergency response and have participated in drills.

6. The quantities of waste placed in storage equals the amount shipped off-site during the year. Waste was stored over 90 days.

7-13. Not applicable.

ATTACHMENT 1

Mellon Bank, N.A.
Trade Banking Operations
3 Mellon Bank Center - Room 2329
Pittsburgh, PA 15259-0001

Tel: 412-234-0002
Telex:199103

Cable: MELLONBANK
Swift: MELNUS3P

JUNE 08, 1993

NUMBER: 66357

AMENDMENT NO.005

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL
PROTECTION AND ENERGY
BUREAU OF HAZARDOUS WASTE ENGINEERING
33 ARCTIC PARKWAY
CN 028
TRENTON, NJ 08625
ATTN: C/O THE CHIEF

GENTLEMEN:

WE HEREBY AMEND OUR IRREVOCABLE LETTER OF CREDIT NO.66357 IN YOUR FAVOR FOR THE ACCOUNT OF FISHER SCIENTIFIC COMPANY (BRIDGEWATER PACKING FACILITY, ROUTE 202, P.O. BOX 3400, SOMMERVILLE, NJ 08876, AND FAIR LAWN PLANT, ONE REAGENT LANE, FAIR LAWN, NJ 07410) AS FOLLOWS:

AMOUNT INCREASED BY USD 1,000.00
MAKING TOTAL AMOUNT AVAILABLE UNDER THIS
CREDIT NOW NOT TO EXCEED 310,982.00 USD

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

VERY TRULY YOURS.

AUTHORIZED SIGNATURE

Post-it™ brand fax transmittal memo 7671 | # of pages ▸ 1

To Marcy McKinley	From Tom Tice
Co.	Co.
Dept.	Phone #
Fax #	Fax #

f Request

Mellon Bank

Mellon Bank, N.A.
International Banking Department
One Mellon Bank Center
Pittsburgh, Pennsylvania 15258

Date of Request

Letter of Credit No. 60357

se amend by ☐ cable ☐ airmail
ollows:

end latest shipping date to N/A	Shorten latest shipping date to N/A
end expiry date to 10/10/94	Shorten expiry date to N/A
rease amount of credit by $28,976	to a new value of $310,982
rease amount of credit by N/A	to a new value of N/A

ering: (give relative details of merchandise: must be consistent with existing description in Letter of Credit)

Required financial assurance for closure of permitted hazardous waste facilities at: 1) Fair Lawn Plant, Fair Lawn, N.J. ($247,156) and 2) Bridgewater Packaging Facility ($63,826).

ner changes in documents, terms or conditions:

All Other Terms and Conditions Remain Unchanged

We hereby agree to make due provision for any drafts under this amended credit with the same force and manner as covered by the agreement signed and/or in effect at the time this credit was originally opened.

In accordance with The Uniform Customs and Practice for Documentary Credits, (1983 Revision) International Chamber of Commerce Publication 400, Article 10d, a letter of credit can neither be amended nor cancelled without the agreement of the beneficiary. In the event the beneficiary rejects this amendment, the terms and conditions of this credit will revert to those in effect prior to this amendment.

Name of customer

Authorized signature

FX-194.1 (9/84)

Date: January 25, 1993
Revision No: 1
I

PARTIAL AND FINAL CLOSURE COST ESTIMATES

The partial closure cost estimate of $79,710 for 1992 has been revised to $83,667 for future proposed Hazardous Waste Storage Area. (see attached revised Table I.4-2)

The final closure cost estimate of $247,156 for 1992 will remain the same for the future proposed Hazardous Waste Storage Areas. (see attached revised Table I.4-3)

Table I.4-1

PARTIAL FOR HAZARDOUS WASTE PADS
(Including existing upgraded pad and newly constructed pad)

TASK/PROCEDURE		COST
ACIDS	DRUMS	
Handling/transportation	156 x 15 =	2,340.00
Disposal	156 x 152 =	23,712.00
Haz Waste Fee	156 x 11 =	1,716.00
BASES		
Handling/transportation	64 x 15 =	960.00
Disposal	64 x 152 =	9,728.00
Haz Waste Fee	64 x 11 =	704.00
CHLORINATED SOLVENTS		
Handling/transportation	60 x 15 =	900.00
Disposal	60 x 375 =	22,500.00
Haz Waste Fee	64 x 11	660.00
FLAMMABLE SOLVENTS		
Disposal	69 x 93.05 =	6,489.00
MISCELLANEOUS		
Handling/Transportation	63 x 15 =	945.00
Disposal	16 x 770 =	12,320.00
Haz Waste Fee	63 x 11	693.00
TASK TOTAL FOR FACILITY		**$ 83,667.00**

1992 Partial closure for present facility

Table I.4-1
(continued)

TASK/PROCEDURE	COST
EQUIPMENT	
Mini vac truck x 1 day x $75/day	75.00
1 truck/trailer/driver x 4 hrs x $50/hr	200.00
Equipment Overhead**	
TASK TOTAL	$1,324.00
3. Asphalt Demolition/Loading: 67 cu yd	
LABOR	
2 building laborers x 8 hrs x $25.50/hr	408.00
1 equipment operator x 8 hrs x $32.25/hr	258.00
Overhead, mobilization, foreman differential*	444.00
SUPERVISION	
1 man x 8 hrs x $75/hr	600.00
EQUIPMENT	
1 backhoe x 1 day x $160/day	160.00
1 truck/trailer/driver x 4 hrs x $50/hr	200.00
Equipment Overhead**	24.00
TASK TOTAL	$ 2,095.00
4. Waste Transport and Disposal: 134 tons (6 loads) (costed as hazardous waste)	
TRANSPORTATION	
6 loads x 400 miles x $3.50/loaded mile	$ 8,400.00

Table I.4-1
(continued)

TASK/PROCEDURE	COST
DISPOSAL	
134 tons x $186/ton	24,924.00
TASK TOTAL	$33,324.00
5. Equipment Decontamination	
LABOR	
2 building laborers x 4 hrs x $25.50/hr	204.00
1 equipment operator x 4 hrs x $32.25/hr	129.00
Overhead, mobilization, foreman differential*	222.00
SUPERVISION	
1 man x 4 hrs x $75/hr	300.00
EQUIPMENT	
High pressure hot water/detergent sprayer x 1 day x $75/day	75.00
1 truck/trailer/driver x 4 hrs x $50/hr	200.00
Equipment Overhead**	11.00
TASK TOTAL	$ 1,142.00
6. Rinse/Wastewater Transport and Disposal: 110 gal, 2 drums	
Handling Transportation - 2 drums x $60/drum	120.00
Disposal - 2 drums x $125/drum	250.00
TASK TOTAL	$ 370.00

Table I.4-1
(continued)

	TASK/PROCEDURE	COST
7.	Certification of closure (8 hrs x $100/hr + travel expenses)	$ 900.00
8.	Supplies (consumables)	
	EQUIPMENT	
	190 man-hrs at Level D x $40/day (8 hr days)	960.00
	Gas/propane/diesel/etc.	200.00
	TASK TOTAL	$ 1,160.00
	SUBTOTAL	$ 49,600.00
9.	Engineering and Administration 20%	$ 9,920.00
10.	Contingencies (15%)	$ 7,440.00
	TOTAL	$ 66,960.00

*Overhead 45% insurance/contractor cost; 10% profit; mobilization 10%; foreman differential at $1.50/hr for labor crew of two or more.
** Equipment overhead 5% insurance/contractor cost; 10% profit.

Table I.4-1
(continued)

Area/Task	Cost
Neutralization/Treatment Tanks (3) and Area	
11. Dismantle piping and equipment	$ 1,630
12. Decontaminate each tank	1,350
13. Decontaminate secondary containment areas	2,200
14. Testing to confirm decontamination	1,200
15. Dispose of wash/rinse solutions	5,000
16. Certification of closure by registered professional engineer	$ 900
17. Supplies (consumables)	2,760
Subtotal	$128,140
Engineering/administration (20%)	26,200
Contingency (15%)	19,700
TOTAL CLOSURE COST (EXPRESSED IN 1986 DOLLARS)	$174,040

TOTAL CLOSURE COST FOR 1993 IS ESTIMATED TO BE $247,156

APPENDIX I.4.2

FINAL CLOSURE COST ESTIMATE FOR CURRENT FACILITY

TABLE I.4-2

DETAILED COST ESTIMATE FOR FINAL CLOSURE OF CURRENT FACILITY
(Includes existing upgraded waste pad and newly constructed pad)

TASK/PROCEDURE		COST
1. Inventory Disposal/Manifest		
Labor		
2 building laborers x 16 hrs x $25.50/hr	$	816.00
1 equipment operator x 16 hrs x $32.25 hr		516.00
Overhead, mobilization, foreman differential*		624.00
Supervision		
1 man x 16 hrs x $75/hr		1,200.00
Equipment		
1 forklift x 2 days x $185/day		370.00
1 truck/trailer/driver x 16 hrs x $50/hr (assuming contractor to site distance less than 1 hr)		800.00
Equipment Overhead**		55.00
TASK TOTAL	$	4,382.00
1. Waste Transport and disposal Maximum Total Inventory of 430 drums including:		
Lab Packs (Include R&S area)		
Transportation - 3 loads x 370 miles x $3.50/ loaded mile	$	3,885.00
Disposal - 107 drums x 165/drum		17,655.00

ATTACHMENT 2

T 23374

CleanHarbors

WASTE MATERIAL PROFILE SHEET

Profile Number

A. GENERAL INFORMATION

GENERATOR: FISHER SCIENTIFIC COMP
FACILITY ADDRESS: 1 REAGENT LANE
FAIR LAWN NJ 07410
SIC NUMBER: 2899
GENERATOR USEPA ID: NJD004362059
GENERATOR STATE ID: -SAME-
TECHNICAL CONTACT: LAUREEN SHOEMAKER
TECHNICAL CONTACT'S PHONE: (201) 703-3181

BILL TO: FISHER SCIENTIFIC CO. ATT: FINANCE
BILL TO ADDRESS: 1 REAGENT LANE
FAIR LAWN NJ 07410
CLEAN HARBORS CONTACT PERSON:
CLEAN HARBORS SERVICE CENTER LOCATION:
SAMPLE APPROVAL P.O. #:
CUSTOMER CONTACT: JACK GIRLIN
CUSTOMER CONTACT'S PHONE: 201 703-3194

B. WASTE DESCRIPTION

COMMON NAME FOR WASTE: Still Bottoms
PROCESS GENERATING THE WASTE: Solvent distillation

C. PROPERTIES

PH: ☐ <2 ☐ 2-4 ☒ 5-9 ☐ 10-12.5 ☐ >12.5 ACTUAL:
% TOC: 40% BTUs/POUND: 11961 COLOR: black
% ORGANIC HALOGEN: 20% ODOR:
FLASHPOINT (°F): ☐ <73° ☐ 73-99° ☐ 100-139° ☒ 140-200° ☐ >200° ☐ NONE
BOILING POINT (°F): ☐ < OR = 95° ☒ >95°

PHYSICAL STATE

☐ LIQUID WITH NO SOLIDS ☐ SOLID WITHOUT FREE LIQUID ☐ MONOLITH
☐ THICK VISCOUS LIQUID ☐ POWDER
☒ LIQUID/SOLID MIXTURE ____ % FREE LIQUID <5 % SOLIDS

D. COMPOSITION

acetonitrile	0-5 %	hexane/heptane/isooctane	0-2 %
acetone	0-2 %	trichloroethane/methane	0-2 %
toluene	0-2 %	ethyl acetate	0-2 %
methylene chloride	0-2 %	1,1 dichloroethane	0-2 %
phenol	0-2 %	calcium oxide	0-2 %
2-ethoxyethanol	0-2 %	phosphorus pentoxide	0-2 %

MSDS's ATTACHED ☐ YES ☐ NO

E. DEPARTMENT OF TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Hazardous Waste Liquid NOS
D.O.T. HAZARD CLASS OR DIVISION: ORM-E
UN/NA #: NA 9189 PACKING GROUP: HAZARD ZONE: RQ:

F. SHIPMENT METHOD

☒ BULK LIQUID ☐ BULK SOLID ☐ DRUM (SIZE):
☐ OTHER SPECIFY:

G. ANTICIPATED VOLUME

500 ☒ GALS. ☐ DRUMS ☐ CUBIC YARDS

FREQUENCY: ☐ ONE TIME ☐ WEEK ☐ MONTH ☒ QUARTER ☐ YEAR

H. WASTE DISPOSAL STATUS

USEPA HAZARDOUS WASTE: ☒ YES ☐ NO
USEPA HAZARDOUS WASTE NUMBER(S): D022

STATE HAZARDOUS WASTE: ☒ YES ☐ NO
STATE HAZARDOUS WASTE NUMBER(S): same
IS THIS A RESTRICTED WASTE UNDER THE LAND BAN REGULATIONS? ☐ YES ☒ NO
THIS WASTE IS A ☐ WASTEWATER ☒ NON-WASTEWATER PER USEPA DEFINITION. IN 40 CFR 268.2.
DOES TREATMENT OF THIS WASTE GENERATE A F005 OR F019 SLUDGE? ☐ YES ☒ NO
IS THIS WASTE SUBJECT TO CATEGORICAL PRETREATMENT DISCHARGE STANDARDS? ☒ YES ☐ NO
IF YES SPECIFY POINT SOURCE CATEGORY LISTED IN 40 CFR PART 401: OCPSF - Pesticide Organic Chemicals

I. OTHER HAZARDS

	YES	NO		YES	NO		YES	NO
DIOXIN	☐	☒	EXPLOSIVE	☐	☒	HERBICIDE	☐	☒
INFECTIOUS	☐	☒	PESTICIDE	☐	☒	PYROPHORIC	☐	☒
OXIDIZER	☐	☒	RADIOACTIVE	☐	☒	SHOCK SENSITIVE	☐	☒

J. TOXICITY CHARACTERISTIC COMPOUNDS CONCENTRATION REPORTED AS ☐ TOTAL (ppM) ☐ TCLP (ppM)
COMPLETED BASED ON K = GENERATORS KNOWLEDGE T = TESTING

WASTE NO.	COMPOUND	REGULATORY LEVEL (ppM)	COMPLETED BASED ON (CHECK ONE) K	T	CONCENTRATION (ppM)
	METALS				
D004	ARSENIC	5.0			
D005	BARIUM	100.0			
D006	CADMIUM	1.0			
D007	CHROMIUM	5.0			
	CHROMIUM CR + 6				
D008	LEAD	5.0			
D009	MERCURY	0.2			
D010	SELENIUM	1.0			
D011	SILVER	5.0			
	PESTICIDES AND HERBICIDES				
D012	ENDRIN	0.02			
D013	LINDANE	0.4			
D014	METHOXYCHLOR	10.0			
D015	TOXAPHENE	0.5			
D016	2,4-D	10.0			
D017	2,4,5-TP (SILVEX)	1.0			
D020	CHLORDANE	0.03			
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008			
	VOLATILE ORGANIC COMPOUNDS				
D018	BENZENE	0.5			
D019	CARBON TETRACHLORIDE	0.5			
D021	CHLOROBENZENE	100.0			
D022	CHLOROFORM	6.0			
D028	1,2-DICHLOROETHANE	0.5			
D029	1,1-DICHLOROETHYLENE	0.7			
D035	METHYL ETHYL KETONE	200.0			
D039	TETRACHLOROETHYLENE	0.7			
D040	TRICHLOROETHYLENE	0.5			
D043	VINYL CHLORIDE	0.2			
	SEMI-VOLATILE ORGANIC COMPOUNDS				
D023	o-CRESOL	200.0			
D024	m-CRESOL	200.0			
D025	p-CRESOL	200.0			
D026	CRESOL (TOTAL)	200.0			
D027	1,4-DICHLOROBENZENE	7.5			
D030	2,4-DINITROTOLUENE	0.13			
D032	HEXACHLOROBENZENE	0.13			
D033	HEXACHLOROBUTADIENE	0.5			
D034	HEXACHLOROETHANE	3.0			
D036	NITROBENZENE	2.0			
D037	PENTACHLOROPHENOL	100.0			
D038	PYRIDINE	5.0			
D041	2,4,5-TRICHLOROPHENOL	400.0			
D042	2,4,6-TRICHLOROPHENOL	2.0			

K. OTHER COMPOUNDS (ppM)

AMMONIA	2	HOCs	< 20%	F001-F005 SOLVENTS	
CYANIDES	0.02	PCBs		SULFIDES	
BERYLLIUM		COPPER		NICKEL	nd
THALLIUM		TIN		ZINC	

L. SAMPLE STATUS
A REPRESENTATIVE SAMPLE HAS BEEN SUPPLIED ☒ YES ☐ NO

M. SPECIFIC GENERATOR REQUEST FOR DISPOSAL AND/OR COMMENTS
Fisher - approved sites only, least cost within land ban requirement

FOR CLEAN HARBORS USE ONLY

GENERATOR'S CERTIFICATION
I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste.

AUTHORIZED SIGNATURE	NAME (PRINT)	TITLE	DATE
	John J Gibbons	Dir, Reg Aff	4/22/93

ATTACHMENT 3

FISHER SCIENTIFIC
FAIR LAWN NJ
NJD004362059

NJ MANIFEST #	DATE SHIPPED
NJA1699522	8/24/93
NJA1680425	8/25/93
NJA1679125	11/03/93
NJA1680154	4/13/93
NJA1680181	5/21/93
NJA1557567	4/26/93
NJA1399881	6/22/93
NJA1557564	3/18/93
NJA1699572	9/28/93
NJA1536337	3/18/93
NJA1470874	3/12/93
NJA1557474	1/19/93
NJA1557475	1/19/93
NJA1557476	1/19/93
NJA1557477	1/19/93
NJA1680239	10/27/93
NJA1679244	12/10/93
NJA1679245	12/10/93
NJA1395418	2/05/93
NJA1532241	9/27/93
NJA1764309	11/23/93
NJA1591018	7/08/93
NJA1680239	10/27/93
NJA1699482	7/7/93
NJA1680414	8/13/93
NJA1699571	11/18/93
NJA1501974	2/26/93
NJA1399180	5/17/93

FISHER SCIENTIFIC
FAIR LAWN NJ
NJD004362059

MANIFEST #	DATE SHIPPED
IL4835619	9/28/93
IL4835622	9/28/93
IL4835625	9/28/93
IL4785159	12/10/93
IL6200572	12/10/93
IL4835624	9/28/93
IL4835621	9/28/93
IL4835620	9/28/93
IL4835618	9/28/93
IL4785160	12/10/93
IL4785161	12/10/93
IL4785162	12/10/93
IL4785164	12/10/93
IL4785165	12/10/93
IL6200572	12/10/93
MAH263782	8/31/93
MAH267113	11/16/93
MAH266808	10/07/93
MAH266807	10/08/93
MAH263644	8/09/93
MAH263781	8/30/93
MAH263782	8/30/93
MAH263783	8/30/93
MAG266038	7/09/93
MAG265789	5/13/93
MAG265790	5/13/93
MAG265788	5/13/93
MAG265759	5/05/93
MAH264961	3/17/93
MAH264962	3/17/93
MAH264959	3/17/93
MAF347964	2/26/93
MAG260631	1/28/93
MAG260632	1/28/93

State of New Jersey
Department of Environmental Protection and Energy
Hazardous Waste Regulation Program
Manifest Section
CN 028, Trenton, NJ 08625-0028

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N J D 0 0 4 3 6 2 0 5 9
Manifest Document No.: 99522
2. Page 1 of 3
Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number: **NJA 1699522**

B. State Generator's ID: SAME

3. Generator's Name and Mailing Address:
Fisher Scientific Co.
1 Reagent Lane, Fairlawn, N.J. 07410

4. Generator's Phone (201)796-7100 J. Giblin

5. Transporter 1 Company Name: Chemical Waste Management, Inc.
6. US EPA ID Number: I L D 0 9 9 2 0 2 6 8 1

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address:
Chemical Waste Management of New Jersey, Inc.
100 Lister Avenue
~~XXXXXX~~ Newark, N.J. 07105
10. US EPA ID Number: N J D 0 3 9 2 1 6 7 9 0

C. State Trans. ID: S-1-0-3-3-1
D. Transporter's Phone (201 465-4154
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: SAME
H. Facility's Phone (201 465-9100

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X	Waste Flammable Liquid, Corrosive, N.O.S., 3, UN2924, P.G. II BD9~~795~~5116 ERG# 29	X X 2	D F	X X X 5 8	P	D 0 0 1
b.	X	Waste Carbon Disulfide Solution, 3, UN1131, P.G. I BD7084 ERG# 28	X X 1	D F	X X X 1 9	P	P 0 2 2
c.	X	Waste Poisonous Liquid, N.O.S., 6.1, UN2810, P.G. II (cadmium, barium, methylene chloride) BD7084 ERG# 55	X X 1	D F	X X X 4 0	P	U 0 8 0
d.	X	Waste Poisonous Solid, N.O.S., 6.1, UN2811, P.G. I (phenol, lead, barium, cadmium, cyanides, antimony, dichlorobenzene) BD7084 ERG# 53	X X 1	D F	X X X 3 3	P	U 1 8 8

J. Additional Descriptions for Materials Listed Above a-d) 100% PLC's
a. (L,C,I)D002,2x16g,RO-1,RO-2, TWI
b. (L,T,H)D001,1x5g,FS-2, TWI
c. (L,T,E)D005,D006,1x55g,FS-8, TWI
d. (S,T,E,H)P098,P106,U170,U163,TWI U072,D005,D006,D008,1x14g,FS-24

K. Handling Codes for Wastes Listed Above
a. S01
b. S01
c. S01
d. S01

15. Special Handling Instructions and Additional Information: 24 HOUR EMERGENCY # (800)765-8713
JOB# 65226
PC# 393-835
CD REQUIRED
WO#
NJ DECAL# 40026 125534 1615 367310

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: JOHN J GIBLIN
Signature: John J Giblin
Month Day Year: 08 24 93

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Patrick D. Galloway
Signature: Patrick Galloway
Month Day Year: 08 24 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: TIM OVERBY
Signature: [signature]
Month Day Year: 08 24 93

In case of an emergency or spill immediately call the state the emergency occurred in and the N.J. Dept. of Environmental Protection and Energy (609) 292-7172

Fisher Scientific

1 Reagent Lane
Fair Lawn, N.J. 07410
(201) 796-7100

F

VIA FEDERAL EXPRESS

April 30, 1993

New Jersey Department of Environmental
Protection and Energy
Bureau of Revenue
CN 417, 420 East State Street
Trenton, New Jersey 08625-0417

RE: NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL GENERATOR/TSD REPORT FOR 1992, FISHER SCIENTIFIC COMPANY, FAIR LAWN, BERGEN COUNTY,
EPA ID NO. NJD 004 362 059
and
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL GENERATOR/TSD REPORT FOR 1992, FISHER SCIENTIFIC COMPANY, 755 ROUTE 202, BRIDGEWATER, SOMERSET COUNTY
EPA ID NO. NJD 052 207 982

To Whom It May Concern:

Please find enclosed the 1992 Hazardous Waste Annual Reports for the Fisher Scientific Company's facilities at Fair Lawn, New Jersey and at Somerville, New Jersey. A check in the amount of $2,300 is enclosed to cover the fees for both facilities.

Should you have any questions concerning the report, please contact me at (201) 703-3198.

Very truly yours,

FISHER SCIENTIFIC COMPANY

Marcy McKinley

Marcy McKinley
Manager, Environmental Compliance

MMcK:kk

Site Name FISHER SCIENTIFIC
FAIR LAWN, NJ

EPA ID No. NJD 004 362 059

OFFICIAL USE ONLY	
Ann. Fee	
RA	
Date	
Rec'd By	

HAZARDOUS WASTE FACILITY
1992 FEE VERIFICATION WORKSHEET

INSTRUCTIONS: Complete the below fee category information. If your site is required to submit a fee, then attach the check where indicated.

Attach check or money order here.

Make Payable to: Treasurer State of New Jersey

Mail Report to: NJDEPE, Bureau of Revenue
CN417
420 East State Street
Attention: Manifest Section
Trenton, NJ 08625-0417

Fee Category (Check appropriate generator and hazardous waste facility status boxes.)

☐ **No Fee** — This site (company) manifested less than 1.33 tons of hazardous waste for the calendar year.

☐ **$200.00** — This site (company) manifested 1.33 tons or more of hazardous waste but less than 10 tons of hazardous waste during a calendar year.

☐ **$300.00** — This site (company) manifested 10 tons or more of hazardous waste but less than 100 tons of hazardous waste during a calendar year.

☒ **$400.00** — This site (company) manifested 100 tons or more of hazardous waste during the calendar year.

☒ **$800.00** — In addition to the above indicated generator status, this site (company) was a hazardous waste facility during the calendar year.

$ 1200 **TOTAL FEE SUBMITTED.**

BEFORE COPYING FORM, ENTER:

SITE NAME FISHER SCIENTIFIC CO
FAIRLAWN, NJ

EPA ID NO. NJD 004 362 059

FORM **IC**

1992 Hazardous Waste Report

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 6 of the 1992 Hazardous Waste Report booklet before completing this form.

SEC. I Site name and location address. Complete items A through H. Check the box ☒ in items A, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 6

A. EPA ID No. Same as label ☐ or → NJD 004 362 059

B. County BERGEN

C. Site/company name Same as label ☒ or →

D. Has the site name associated with this EPA ID changed since 1989? ☐ 1 Yes ☒ 2 No

E. Street name and number. If not applicable, enter industrial park, building name or other physical location description. Same as label ☒ or →

F. City, town, village, etc. Same as label ☒ or →

G. State Same as label ☒

H. Zip Code Same as label ☒

SEC. II Mailing address of site. Instruction page 6

A. Is the mailing address the same as the location address? ☒ 1 Yes (SKIP TO SEC. III), ☐ 2 No (GO TO BOX B)

B. Number and street name of mailing address

C. City, town, village, etc.

D. State

E. Zip Code

SEC. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 6

A. Please print: Last name	First name	M.I.	B. Title	C. Telephone
McKINLEY	MARCY	C	MGR ENV COMPLIANCE	201 703-3198 Extension

SEC. IV Enter the Standard Industrial Classification (SIC) Code that describes the principal products, group of products, produced or distributed, or the services rendered at the site's physical location. Enter more than one SIC Code only if no one industry description includes the combined activities of the site. Instruction page 7

A.	B.	C.	D.
2869	2899	5169	NA

SEC. V "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Please print: Last name	First name	M.I.	B. Title
CRAWLEY	DAVID	M	DIR - CHEMICAL OPERATIONS

C. Signature [signature]

D. Date of signature 04 (MO.) DAY 93 (YR.)

OVER →

Sec. VI - Generator Status

EPA ID NO. WJD 004 361 2059

A. 1992 Generator status
Instruction page 7
(CHECK ONE BOX BELOW)

- [X] 1 FRG/LQG
- [ ] 2 FRG
- [ ] 3 SQG
- [ ] 4 Non generator (CONTINUE TO BOX B)

(SKIP TO SEC. VII)

B. Reason for not generating
Page 9
(CHECK ALL THAT APPLY)

- [ ] 1 Never generated
- [ ] 2 Out of business
- [ ] 3 Only excluded or delisted waste
- [ ] 4 Only non-hazardous waste
- [ ] 5 Periodic or occasional generator
- [ ] 6 Waste minimization activity
- [ ] 7 Other (SPECIFY COMMENTS IN BOX BELOW)

Sec. VII - On-Site Waste Management Status

A. Hazardous waste permitted or interim status storage
Instruction page 10
3

B. Hazardous waste permitted or interim status treatment, disposal, or recycling
Page 10
3

C. Hazardous waste-exempt treatment, disposal, or recycling
Page 11
1

Sec. VIII - Waste Minimization Activity during 1991 or 1992

A. Did this site begin or expand a source reduction activity during 1991 or 1992?
Instruction page 11

- [X] 1 Yes
- [ ] 2 No

B. Did this site begin or expand a recycling activity during1991 or 1992?
Page 12

- [X] 1 Yes
- [ ] 2 No

C. Did this site systematically investigate opportunities for source reduction or recycling during 1991 or 1992
Page 12

- [X] 1 Yes
- [ ] 2 No

D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional source reduction activities in 1991 or 1992?
Page 12
(CHECK YES OR NO FOR EACH ITEM)

Yes	No		
[ ] 1	[X] 2	a.	Insufficient capital to install new source reduction equipment or implement new source reduction practices
[ ] 1	[X] 2	b.	Lack of technical information on source reduction techniques applicable to the specific production processes
[ ] 1	[X] 2	c.	Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment
[X] 1	[ ] 2	d.	Concern that product quality may decline as a result of source reduction
[X] 1	[ ] 2	e.	Technical limitations of the production processes
[X] 1	[ ] 2	f.	Permitting burdens
[ ] 1	[X] 2	g.	Source reduction previously implemented – additional reduction does not appear to be technically feasible
[ ] 1	[X] 2	h.	Source reduction previously implemented - additional reduction does not appear to be economically feasible
[X] 1	[ ] 2	i.	Source reduction previously implemented - additional reduction does not appear to be feasible due to permitting requirements
[ ] 1	[ ] 2	j.	Other (SPECIFY COMMENTS IN BOX BELOW)

E. Did any of the factors listed below delay or limit this site's ability to initiate new or additional on-site or off-site recycling activities during 1991 or 1992?
Page 12
(CHECK YES OR NO FOR EACH ITEM)

Yes	No		
[ ] 1	[X] 2	a.	Insufficient capital to install new recycling equipment or implement new recycling practice
[ ] 1	[X] 2	b.	Lack of technical information on recycling techniques applicable to this site's specific production processes
[ ] 1	[X] 2	c.	Recycling is not economically feasible: cost savings in waste management or production will not recover the capital investment
[X] 1	[ ] 2	d.	Concern that product quality may decline as a result of recycling
[ ] 1	[X] 2	e.	Requirements to manifest wastes inhibit shipments off site for recycling
[X] 1	[ ] 2	f.	Financial liability provisions inhibit shipments off site for recycling
[ ] 1	[X] 2	g.	Technical limitations of production processes inhibit shipments off site for recycling
[X] 1	[ ] 2	h.	Technical limitations of production processes inhibit on-site recycling
[X] 1	[ ] 2	i.	Permitting burdens inhibit recycling
[ ] 1	[X] 2	j.	Lack of permitted off-site recycling facilities
[X] 1	[ ] 2	k.	Unable to identify a market for recyclable materials
[ ] 1	[X] 2	l.	Recycling previously implemented – additional recycling does not appear to be technically feasible
[ ] 1	[X] 2	m.	Recycling previously implemented – additional recycling does not appear to be economically feasible
[ ] 1	[X] 2	n.	Recycling previously implemented - additional recycling does not appear to be feasible due to permitting requirements
[ ] 1	[ ] 2	o.	Other (SPECIFY COMMENTS IN BOX BELOW)

Comments:

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIR LAWN, NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1992 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: LAB PACKS CONTAINING ACUTELY HAZARDOUS MATERIAL

B. EPA hazardous waste code Page 15: P098 P120 A030 A105 P012

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 — System type: M NA

F. Source code Page 17: A94

G. Point of measurement Page 17: 1

H. Form code Page 17: B003

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 3

K. CAS numbers Page 18: 1. 000075-09-2 2. 000067-66-3 3. NA 4. 5.

Sec. II

A. Quantity generated in 1991 Instruction Page 18: 52571.

B. Quantity generated in 1992 Page 18: 1226.

C. UOM Page 19: 5 — Density: DK. ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992:

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992:

Sec. III

A. Was any of this waste shipped off site in 1992? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1992 Page 21
1	ILD 098 642 424	M043	1	1221.00
2	NJD 089 216 790	M141	1	5.00

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22: W W W W

C. Other effects Page 22: ☐ 1 Yes ☐ 2 No

D. Quantity recycled in 1992 due to new activities Page 23:

E. Activity/production index Page 23:

F. 1992 Source reduction quantity Page 24:

Comments: Id - also 5169 AND 2899
IF - also A57

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIR LAWN, NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1992 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: LAB PACKS - NO ACUTELY HAZARDOUS MATERIAL

B. EPA hazardous waste code Page 15: U122 U188 U219 U211 U154

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 System type: M NA

F. Source code Page 17: A 94

G. Point of measurement Page 17: 1

H. Form code Page 17: B 001

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 3

K. CAS numbers Page 18: 1. 67-64-1 2. 75-05-8 3. 110-82-7 4. 67-66-3 5. NA

Sec. II

A. Quantity generated in 1991 Instruction Page 18: 61398.

B. Quantity generated in 1992 Page 18: 12466.

C. UOM Page 19: 5 Density: DK. ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992: .

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992: .

Sec. III

A. Was any of this waste shipped off site in 1992? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1992 Page 21
Site 1	ILD 098 642 424	M043	1	11419.
Site 2	NYD 000 632 372	M043	8	834.

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22: W W W W

C. Other effects Page 22: ☐ 1 Yes ☐ 2 No

D. Quantity recycled in 1992 due to new activities Page 23: .

E. Activity/production index Page 23: .

F. 1992 Source reduction quantity Page 24: .

Comments:
I D - Also 2899 AND 5169
III B - Site 3 NJD 980 536 593 M043 1 210
Site 4 NJD 002 385 230 M049 1 3

FISHER SCIENTICFIC COMPNY
FAIR LAWN, NJ
NJD 004 362 059

FORM GM

LAB PACKS - No Acutely Hazardous Material

Section 1-B cont

D001	U003
D002	U007
D003	U002
D005	U044
D007	U080
D008	U144
D009	U196

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1992 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: Mixed flammable solvent

B. EPA hazardous waste code Page 15: D001 U003 D002

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 — System type: M NA

F. Source code Page 17: A 33

G. Point of measurement Page 17: 2

H. Form code Page 17: B 203

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 3

K. CAS numbers Page 18: 1. ___ 2. ___ 3. ___ 4. ___ 5. ___

Sec. II

A. Quantity generated in 1991 Instruction Page 18: NA.

B. Quantity generated in 1992 Page 18: 20876.

C. UOM Page 19: 5 — Density: DK. ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992: ___.

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992: ___.

Sec. III

A. Was any of this waste shipped off site in 1992? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1992 Page 21
1	MAD 053 452 637	M 141	1	20875.
2	MAD 980 523 203	M 141	1	1.

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1992 due to new activities Page 23	E. Activity/production index Page 23	F. 1992 Source reduction quantity Page 24
W W W W	☐ 1 Yes ☐ 2 No	___.	___.	___.

Comments: 1d - also 2899 and 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIR LAWN, NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1992 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: Waste Solution Containing Metals

B. EPA hazardous waste code Page 15: D011 D010 D004

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 — System type: M NA

F. Source code Page 17: A 09

G. Point of measurement Page 17: 1

H. Form code Page 17: B 219

I. RCRA-radioactive mixed Page 17:

J. Reported TRI constituent Page 18:

K. CAS numbers Page 18: 1. 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1991 Instruction Page 18: NA.

B. Quantity generated in 1992 Page 18: 3335.

C. UOM Page 19: 5 — Density: NK. ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992:

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992:

Sec. III

A. Was any of this waste shipped off site in 1992? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1992 Page 21
Site 1	MAD 053 452 637	M 141	1	3335.
Site 2		M		

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22: W W W W

C. Other effects Page 22: ☐ 1 Yes ☐ 2 No

D. Quantity recycled in 1992 due to new activities Page 23:

E. Activity/production index Page 23:

F. 1992 Source reduction quantity Page 24:

Comments: 10 - also 2899 5169
11 A - organic liquid containing metals

BEFORE COPYING FORM, ENTER:

SITE NAME: Fisher Scientific Co
Fair Lawn NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1992 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: Waste Alkaline - Nesslers solution rinse out

B. EPA hazardous waste code Page 15: D002

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 — System type: M NA

F. Source code Page 17: 09

G. Point of measurement Page 17: 1

H. Form code Page 17: 114

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 2

K. CAS numbers Page 18: 1. 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1991 Instruction Page 18: NA

B. Quantity generated in 1992 Page 18: 260.

C. UOM Page 19: 5 — Density: Dk. ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992:

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992:

Sec. III

A. Was any of this waste shipped off site in 1992? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1992 Page 21
1	MAD 053 452 637	M099	1	260.
2		M		

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1992 due to new activities Page 23	E. Activity/production index Page 23	F. 1992 Source reduction quantity Page 24
W W W W	☐ 1 Yes ☐ 2 No			

Comments: 1d - also 2899 and 5169
4 contains mercury

BEFORE COPYING FORM, ENTER:

SITE NAME: Fisher Scientific Co
Fair Lawn NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1992 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: WASTE hypochlorite solution

B. EPA hazardous waste code Page 15: D002

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 — System type: M NA

F. Source code Page 17: 09

G. Point of measurement Page 17: 1

H. Form code Page 17: 2 1 0

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 2

K. CAS numbers Page 18: 1. 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1991 Instruction Page 18: 575.

B. Quantity generated in 1992 Page 18: 1045.

C. UOM Page 19: 5 — Density: 1.05 ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992:

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992:

Sec. III

A. Was any of this waste shipped off site in 1992? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1992 Page 21
1	MAD 053 452 637	M099	1	1045.
2		M		

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1992 due to new activities Page 23	E. Activity/production index Page 23	F. 1992 Source reduction quantity Page 24
W W W W	☐ 1 Yes ☐ 2 No			

Comments: 1 d - Also 2899 AND 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER Scientific Co
FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

1992 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description — Instruction Page 15: WASTE combustible liquid

B. EPA hazardous waste code — Page 15: D001

C. State hazardous waste code — Page 15: NJA

D. SIC code — Page 16: 2869

E. Origin code — Page 16: [ ]; System type: M101

F. Source code — Page 17: A109

G. Point of measurement — Page 17: U

H. Form code — Page 17: W201

I. RCRA-radioactive mixed — Page 17: 2

J. Reported TRI constituent — Page 18: 2

K. CAS numbers — Page 18: 1. [ ] 2. [ ] 3. [ ] 4. [ ] 5. [ ]

Sec. II

A. Quantity generated in 1991 — Instruction Page 18: N.A.

B. Quantity generated in 1992 — Page 18: 10.

C. UOM — Page 19: 5; Density: DK; [ ] 1 lbs/gal [ ] 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? — Page 19: [ ] 1 Yes (CONTINUE TO SYSTEM 1) [X] 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1

On-site system type — Page 19: M[ ]

Quantity treated, disposed or recycled on site in 1992: [ ].[ ]

ON-SITE SYSTEM 2

On-site system type — Page 19: M[ ]

Quantity treated, disposed or recycled on site in 1992: [ ].[ ]

Sec. III

A. Was any of this waste shipped off site in 1992? — Instruction Page 20: [X] 1 Yes (CONTINUE TO BOX B) [ ] 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to — Page 20	C. System type shipped to — Page 20	D. Off-site availability code — Page 21	E. Total quantity shipped in 1992 — Page 21
Site 1	MAD 053 415 637	M101	U	10.[ ]
Site 2	[ ]	M[ ]	[ ]	[ ].[ ]

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? — Instruction Page 22: [ ] 1 Yes (CONTINUE TO BOX B) [X] 2 No (THIS FORM IS COMPLETE)

B. Activity — Page 22	C. Other effects — Page 22	D. Quantity recycled in 1992 due to new activities — Page 23	E. Activity/production index — Page 23	F. 1992 Source reduction quantity — Page 24
W[ ] W[ ] W[ ] W[ ]	[ ] 1 Yes [ ] 2 No	[ ].[ ]	[ ].[ ]	[ ].[ ]

Comments: 1d- also 2899 and 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIR LAWN, NJ

EPA ID NO.: NJD 010H 3612 0159

1992 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): WASTE METHYLENE CHLORIDE

B. EPA hazardous waste code (Page 15): U 019 U 080

C. State hazardous waste code (Page 15): NA

D. SIC code (Page 16): 2816

E. Origin code (Page 16): C — System type: M NA

F. Source code (Page 17): A 019

G. Point of measurement (Page 17): I

H. Form code (Page 17): B 2 0 2

I. RCRA-radioactive mixed (Page 17): 2

J. Reported TRI constituent (Page 18): 3

K. CAS numbers (Page 18): 1. 75-09-2 2. 67-66-3 3. ____ 4. ____ 5. ____

Sec. II

A. Quantity generated in 1991 (Instruction Page 18): NA

B. Quantity generated in 1992 (Page 18): 5000

C. UOM (Page 19): 5 — Density: NA — ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 18)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type (Page 19): M
Quantity treated, disposed or recycled on site in 1992:

ON-SITE SYSTEM 2
On-site system type (Page 19): M
Quantity treated, disposed or recycled on site in 1992:

Sec. III

A. Was any of this waste shipped off site in 1992? (Instruction Page 20)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1992 (Page 21)
Site 1	MIAD 0513 4512 6317	MI 016	U	3150
Site 2	MIAD 0513 4512 6317	MI 1215	U	1510

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? (Instruction Page 22)
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1992 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1992 Source reduction quantity (Page 24)
W W W W	☐ 1 Yes ☐ 2 No			

Comments: Id: also 2899 and 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIR LAWN, NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1992 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: RINSE CONTAINING Silver Salt

B. EPA hazardous waste code Page 15: D011

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 — System type: M NA

F. Source code Page 17: A09

G. Point of measurement Page 17: 1

H. Form code Page 17: B114

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 2

K. CAS numbers Page 18: 1. ___ 2. ___ 3. ___ 4. ___ 5. ___

Sec. II

A. Quantity generated in 1991 Instruction Page 18: 1350.0

B. Quantity generated in 1992 Page 18: 220.

C. UOM Page 19: 5 — Density: DK. ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992: ___

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992: ___

Sec. III

A. Was any of this waste shipped off site in 1992? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1992 Page 21
1	MAD 053 452 637	M141	1	220.0
2		M		

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1992 due to new activities Page 23	E. Activity/production index Page 23	F. 1992 Source reduction quantity Page 24
W W W W	☐ 1 Yes ☐ 2 No			

Comments: 1-D) 2899, 5169

BEFORE CUTTING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIR LAWN, NJ

EPA ID NO.: NJD 080 436 259

1992 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): WASTE CHLORINATED SOLVENTS AND WATER

B. EPA hazardous waste code (Page 15): U019 U080 U226 U210

C. State hazardous waste code (Page 15): NJA

D. SIC code (Page 16): 2869

E. Origin code (Page 16): 4 — System type: M NFA

F. Source code (Page 17): A09

G. Point of measurement (Page 17): 4

H. Form code (Page 17): B202

I. RCRA-radioactive mixed (Page 17): 2

J. Reported TRI constituent (Page 18): 3

K. CAS numbers (Page 18): 1. 000071-55-6 2. 000079-01-6 3. 4. 5.

Sec. II

A. Quantity generated in 1991 (Instruction Page 18): NA.

B. Quantity generated in 1992 (Page 18): 38125.

C. UOM (Page 19): 5 — Density: UNK. ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type (Page 19): M
Quantity treated, disposed or recycled on site in 1992:

ON-SITE SYSTEM 2
On-site system type (Page 19): M
Quantity treated, disposed or recycled on site in 1992:

Sec. III

A. Was any of this waste shipped off site in 1992? (Instruction Page 20)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1992 (Page 21)
Site 1	MAD 053 452 637	M	1	38125.00
Site 2		M		

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? (Instruction Page 22)
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1992 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1992 Source reduction quantity (Page 24)
W W W W	☐ 1 Yes ☐ 2 No			

Comments: I.D ALSO 2899 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

1992 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): SPENT COMPRESSOR OIL

B. EPA hazardous waste code (Page 15): N/A

C. State hazardous waste code (Page 15): MA01 X71216

D. SIC code (Page 16): 2869

E. Origin code (Page 16): System type M1 N/A

F. Source code (Page 17): A1514

G. Point of measurement (Page 17):

H. Form code (Page 17): B12015

I. RCRA-radioactive mixed (Page 17): 2

J. Reported TRI constituent (Page 18): 2

K. CAS numbers (Page 18): 1. N/A 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1991 (Instruction Page 18): 18100.10

B. Quantity generated in 1992 (Page 18): 16410.

C. UOM (Page 19): 5 Density: 10.915 ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1

On-site system type (Page 19): M

Quantity treated, disposed or recycled on site in 1992:

ON-SITE SYSTEM 2

On-site system type (Page 19): M

Quantity treated, disposed or recycled on site in 1992:

Sec. III

A. Was any of this waste shipped off site in 1992? (Instruction Page 20)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1992 (Page 21)
Site 1	MAD 053 452 637	M06		16410.
Site 2		M		

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? (Instruction Page 22)
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1992 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1992 Source reduction quantity (Page 24)
W1 W1 W1 W1	☐ 1 Yes ☐ 2 No			

Comments: 1-D also 2899, 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIR LAWN, NJ

EPA ID NO.: NJD 004 362 059

1992 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): Waste containing mercury

B. EPA hazardous waste code (Page 15): D009 D010

C. State hazardous waste code (Page 15): WA

D. SIC code (Page 16): 2819

E. Origin code (Page 16): [ ]
System type: M NA

F. Source code (Page 17): A19

G. Point of measurement (Page 17): U

H. Form code (Page 17): B

I. RCRA-radioactive mixed (Page 17): 2

J. Reported TRI constituent (Page 18): 2

K. CAS numbers (Page 18): 1. [ ] 2. [ ] 3. [ ] 4. [ ] 5. [ ]

Sec. II

A. Quantity generated in 1991 (Instruction Page 18): NA

B. Quantity generated in 1992 (Page 18): .6

C. UOM (Page 19): 5 Density: DK
[ ] 1 lbs/gal [ ] 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19)
[ ] 1 Yes (CONTINUE TO SYSTEM 1)
[X] 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1

On-site system type (Page 19): M

Quantity treated, disposed or recycled on site in 1992: [ ]

ON-SITE SYSTEM 2

On-site system type (Page 19): M

Quantity treated, disposed or recycled on site in 1992: [ ]

Sec. III

A. Was any of this waste shipped off site in 1992? (Instruction Page 20)
[X] 1 Yes (CONTINUE TO BOX B)
[ ] 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1992 (Page 21)
Site 1	MAD 980 510 523 013	M101	U	[ ]
Site 2	NJD 980 536 593	M101	U	10.6

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? (Instruction Page 22)
[ ] 1 Yes (CONTINUE TO BOX B)
[X] 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1992 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1992 Source reduction quantity (Page 24)
W W W W	[ ] 1 Yes [ ] 2 No	[ ]	[ ]	[ ]

Comments: I-D) also 2899, 5169
I-F. also A58, A57

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIR LAWN, NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1992 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: WASTE Cresol

B. EPA hazardous waste code Page 15: UG52

C. State hazardous waste code Page 15: WG

D. SIC code Page 16: 5169

E. Origin code Page 16: 1 — System type: M NA

F. Source code Page 17: A58

G. Point of measurement Page 17: 1

H. Form code Page 17: B219

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 2

K. CAS numbers Page 18: 1. ___ 2. ___ 3. ___ 4. ___ 5. ___

Sec. II

A. Quantity generated in 1991 Instruction Page 18: NA.

B. Quantity generated in 1992 Page 18: 55.

C. UOM Page 19: 5 — Density: NA. ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992: ___

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992: ___

Sec. III

A. Was any of this waste shipped off site in 1992? Instruction Page 20
☐ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1992 Page 21
1	MAD 053 452 637	M061	1	55.
2		M		

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1992 due to new activities Page 23	E. Activity/production index Page 23	F. 1992 Source reduction quantity Page 24
W W W W	☐ 1 Yes ☐ 2 No			

Comments: 1d- also 5899 & 5169
1h- waste: O-cresol

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIR LAWN, NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1992 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: SOLIDS FROM SITE CLEAN UP

B. EPA hazardous waste code Page 15: NA

C. State hazardous waste code Page 15: NA

D. SIC code Page 16	E. Origin code Page 16	F. Source code Page 17	G. Point of measurement Page 17	H. Form code Page 17	I. RCRA-radioactive mixed Page 17
2869	1 System type M NA	A69	1	E301	2

J. Reported TRI constituent Page 18: 2

K. CAS numbers Page 18: 1. ___ 2. ___ 3. ___ 4. ___ 5. ___

Sec. II

A. Quantity generated in 1991 Instruction Page 18: NA.

B. Quantity generated in 1992 Page 18: 47216.

C. UOM Page 19: 1 Density: DK. ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992: ___.

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992: ___.

Sec. III

A. Was any of this waste shipped off site in 1992? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1992 Page 21
Site 1	MAD 053 452 637	M132	1	37500.
Site 2	MAD 053 452 637	M043	1	9716.

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1992 due to new activities Page 23	E. Activity/production index Page 23	F. 1992 Source reduction quantity Page 24
W W W W	☐ 1 Yes ☐ 2 No	___.	___.	___.

Comments: I D - ALSO 2899 AND 5169
I F - ALSO A65 AND A66

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIR LAWN, NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1992 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: CLEANING SOLUTION

B. EPA hazardous waste code Page 15: D002

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 — System type: M NA

F. Source code Page 17: A09

G. Point of measurement Page 17: 1

H. Form code Page 17: B105

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 2

K. CAS numbers Page 18: 1. 7664-93-9 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1991 Instruction Page 18: 490.

B. Quantity generated in 1992 Page 18: 620.

C. UOM Page 19: 5 — Density: 1.15 ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992:

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992:

Sec. III

A. Was any of this waste shipped off site in 1992? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1992 Page 21
1	MAD 053 452 637	M041	1	620.
2		M		

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1992 due to new activities Page 23	E. Activity/production index Page 23	F. 1992 Source reduction quantity Page 24
W W W W	☐ 1 Yes ☐ 2 No			

Comments: 1 D - ALSO 2899 AND 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIR LAWN, NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1992 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: CAUSTIC SOLUTIONS

B. EPA hazardous waste code Page 15: D002

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 — System type: M NA

F. Source code Page 17: A09

G. Point of measurement Page 17: 1

H. Form code Page 17: B110

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 2

K. CAS numbers Page 18: 1. - - 2. - - 3. - - 4. - - 5. - -

Sec. II

A. Quantity generated in 1991 Instruction Page 18: NA.

B. Quantity generated in 1992 Page 18: 5199.

C. UOM Page 19: 5 — Density: DK. ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☒ 1 Yes (CONTINUE TO SYSTEM 1)
☐ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M135
Quantity treated, disposed or recycled on site in 1992: 3054.

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992: .

Sec. III

A. Was any of this waste shipped off site in 1992? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1992 Page 21
1	MAD 053 452 637	M099	1	2145.
2		M		.

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1992 due to new activities Page 23	E. Activity/production index Page 23	F. 1992 Source reduction quantity Page 24
W W W W	☐ 1 Yes ☐ 2 No	.	.	.

Comments: 1 D - ALSO 2899 AND 5169

ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

1992 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: ACID Solutions

B. EPA hazardous waste code Page 15: D002

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 — System type: M NA

F. Source code Page 17: A 09

G. Point of measurement Page 17: 1

H. Form code Page 17: B 104

I. RCRA-radioactive mixed Page 17: Z

J. Reported TRI constituent Page 18: 3

K. CAS numbers Page 18: 1. 07647-01-0 2. 07664-38-2 3. 07664-93-9 4. 5.

Sec. II

A. Quantity generated in 1991 Instruction Page 18: 11890.

B. Quantity generated in 1992 Page 18: 3333.6

C. UOM Page 19: 5 — Density: NA. ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☒ 1 Yes (CONTINUE TO SYSTEM 1)
☐ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M 135
Quantity treated, disposed or recycled on site in 1992: 5332.

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992: .

Sec. III

A. Was any of this waste shipped off site in 1992? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1992 Page 21
1	MAD 053 452 637	M 141	1	21875.
2		M		.

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1992 due to new activities Page 23	E. Activity/production index Page 23	F. 1992 Source reduction quantity Page 24
W W W W	☐ 1 Yes ☐ 2 No	.	.	.

Comments: 1d - Also 5169 AND 2899

BEFORE COPYING FORM, ENTER:

SITE NAME: Fisher Scientific Co
Fair Lawn, NJ

EPA ID NO.: NJD 004 361 259

1992 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description — Instruction Page 15: CONTAMINATED Groundwater

B. EPA hazardous waste code — Page 15: F039

C. State hazardous waste code — Page 15: NA

D. SIC code — Page 16: 2816

E. Origin code — Page 16: 2; System type: M | NA

F. Source code — Page 17: A16

G. Point of measurement — Page 17:

H. Form code — Page 17: B | 10

I. RCRA-radioactive mixed — Page 17: 2

J. Reported TRI constituent — Page 18: 3

K. CAS numbers — Page 18: 1. 75-01-8; 2. 67-66-3; 3. 75-09-2; 4. ; 5.

Sec. II

A. Quantity generated in 1991 — Instruction Page 18: NA.

B. Quantity generated in 1992 — Page 18: 510000.

C. UOM — Page 19: 5; Density: 11.9; ☒ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 18: ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1

On-site system type — Page 18: M01812

Quantity treated, disposed or recycled on site in 1992: 718131816117.

ON-SITE SYSTEM 2

On-site system type — Page 18: M01813

Quantity treated, disposed or recycled on site in 1992: 1281721712.

Sec. III

A. Was any of this waste shipped off site in 1992? Instruction Page 20 — ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to — Page 20	C. System type shipped to — Page 20	D. Off-site availability code — Page 21	E. Total quantity shipped in 1992 — Page 21
Site 1	NJD 992 381 521 310	M01419		510000.
Site 2		M		

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? Instruction Page 22 — ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity — Page 22	C. Other effects — Page 22	D. Quantity recycled in 1992 due to new activities — Page 23	E. Activity/production index — Page 23	F. 1992 Source reduction quantity — Page 24
W W W W	☐ 1 Yes ☐ 2 No			

Comments: Sec II A & B - This is ground water, not a hazardous waste, that was generated on-site. Sec I d - also 2899 and 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIR LAWN, NJ

EPA ID NO.: WJD 004 362 059

FORM **GM**

1992 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: Chromic Sulfuric Acid Cleaning Solution

B. EPA hazardous waste code Page 15: D002

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 — System type: M NA

F. Source code Page 17: A 09

G. Point of measurement Page 17: 1

H. Form code Page 17: B 105

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 3

K. CAS numbers Page 18: 1. 7664-93-9 2. NA 3. 4. 5.

Sec. II

A. Quantity generated in 1991 Instruction Page 18: NA.

B. Quantity generated in 1992 Page 18: 5770.

C. UOM Page 19: 5 — Density: DK. ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M 7.4
Quantity treated, disposed or recycled on site in 1992:

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1992:

Sec. III

A. Was any of this waste shipped off site in 1992? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1992 Page 21
1	MAD 053 452 637	M041	1	5770.
2		M		

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? Instruction Page 22
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1992 due to new activities Page 23	E. Activity/production index Page 23	F. 1992 Source reduction quantity Page 24
W51 W W W	☐ 1 Yes ☒ 2 No	275.	NA.	

Comments: 1d - also 2899 & 5169
SECTION II A - "NA" NOT Available due to different tracking

BEFORE COMPLETING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC Co. FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1992 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): NON HALOGENATED SOLVENTS WITH WATER >10%

B. EPA hazardous waste code (Page 15): U0013 U0144 U1122 U1183 U1196

C. State hazardous waste code (Page 15): N/A

D. SIC code (Page 16): 2816

E. Origin code (Page 16): 1 — System type: M N/A

F. Source code (Page 17): A1019

G. Point of measurement (Page 17): 1

H. Form code (Page 17): B12013

I. RCRA-radioactive mixed (Page 17): 2

J. Reported TRI constituent (Page 18): 2

K. CAS numbers (Page 18): 1. 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1991 (Instruction Page 18): N/A.

B. Quantity generated in 1992 (Page 18): 3014610.

C. UOM (Page 19): 5 — Density: 8.3 ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type (Page 19): M
Quantity treated, disposed or recycled on site in 1992:

ON-SITE SYSTEM 2
On-site system type (Page 19):
Quantity treated, disposed or recycled on site in 1992:

Sec. III

A. Was any of this waste shipped off site in 1992? (Instruction Page 20)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1992 (Page 21)
Site 1	MAD 0513 4512 6317	MI 0141	1	3014610.
Site 2		MI		

Sec. IV

A. Did new activities in 1992 result in minimization of this waste? (Instruction Page 22)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1992 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1992 Source reduction quantity (Page 24)
W513 W171 W	☐ 1 Yes ☒ 2 No	10.	N/A.	6116010.

Comments: 1-D) Also 2899, 5169
IV-B Modified cleaning procedure.
IIA- "NA" - Not Available due to Different tracking

FAIR LAWN MANIFESTS 1992

MANIFEST	DATE	TSD
MAF370442	1/8/92	MAD053452637
MAF370445	1/8/92	MAD053452637
MAF370443	1/27/92	MAD053452637
MAF370444	1/27/92	MAD053452637
IL3512392	1/8/92	ILD098642424
IL3512391	1/8/92	ILD098642424
IL3512054	2/21/92	ILD098642424
IL3512056	2/21/92	ILD098642424
IL3512055	2/21/92	ILD098642424
MAF370566	2/14/92	MAD053452637
MAF370601	2/14/92	MAD053452637
MAF370615	2/26/92	MAD053452637
CWMA624989	3/13/92	ALD000622464
CWMA625399	3/30/92	ALD000622464
IL4542595	3/17/92	ILD098642424
IL4542596	3/17/92	ILD098642424
IL4542594	3/17/92	ILD098642424
IL4542593	3/17/92	ILD098642424
NJA1387784	3/23/92	NJD045995693
MAG226932	3/24/92	MAD053452637
MAG226931	3/24/92	MAD053452637
MAF370503	3/5/92	MAD053452637
MAF370504	3/30/92	MAD053452637
MAF347994	4/28/92	MAD053452637
MAF347995	4/28/92	MAD053452637
MAF347996	4/28/92	MAD053452637
MAG227023	4/16/92	MAD053452637
MAG227026	4/21/92	MAD053452637
MAG227039	4/28/92	MAD053452637
IL4188950	5/1/92	ILD098642424
IL4188951	5/1/92	ILD098642424
IL4188952	5/1/92	ILD098642424
IL4188953	5/1/92	ILD098642424
MAF370482	5/20/92	MAD053452637
MAG227166	5/28/92	MAD053452637
CWMA625188	5/11/92	ALD000622464
MAF370480	5/13/92	MAD053452637
MAG225556	6/30/92	MAD053452637
MAG225463	6/11/92	MAD053452637
CWMA625357	6/19/92	ALD000622464
NYB4630518	6/26/92	NYD000632372
IL3833129	7/10/92	ILD098642424
IL3833130	7/10/92	ILD098642424
IL3833127	7/10/92	ILD098642424
IL3833128	7/10/92	ILD098642424
MAG225802	7/3/92	MAD053452637
MAG225685	7/10/92	MAD053452637
MAG225684	7/10/92	MAD053452637
MAF347987	7/3/92	MAD053452637
CWMA651024	7/16/92	ALD000622464
CWMA651025	7/24/92	ALD000622464
MAG225733	8/3/92	MAD980532203
MAG225732	8/3/92	MAD980532203
MAG225807	8/4/92	MAD053452637
MAG225735	8/19/92	MAD980523203
MAG225870	8/26/92	MAD053452637
IL3833133	8/17/92	ILD098642424
IL3833134	8/17/92	ILD098642424
IL3833131	8/17/92	ILD098642424
IL3833132	8/17/92	ILD098642424
IL3833308	8/25/92	ILD098642424
IL3833309	8/25/92	ILD098642424
IL3833318	8/25/92	ILD098642424

MANIFEST	DATE	TSD
NJA1490670	9/17/92	NJD980536593
MAG262264	9/28/92	MAD053452637
MAG225690	9/23/92	MAD053452637
MAG225872	9/28/92	MAD053452637
IL3833319	9/18/92	ILD098642424
IL3833311	9/18/92	ILD098642424
IL3833310	9/18/92	ILD098642424
NJA1399882	10/16/92	NJD089216790
NJA1399883	10/16/92	NJD089216790
NJA1532017	10/19/92	NJD089216790
CWMA651051	10/30/92	ALD000622464
CWMA651046	10/30/92	ALD000622464
CWMA651045	10/14/92	ALD000622464
MAG262296	10/7/92	MAD053452637
IL383371	10/14/92	ILD098642424
IL3833379	11/13/92	ILD098642424
IL3833342	11/13/92	ILD098642424
IL3833343	11/13/92	ILD098642424
IL3833378	11/13/92	ILD098642424
IL3833381	11/13/92	ILD098642424
MAG262542	11/19/92	MAD053452637
MAG262540	11/18/92	MAD053452637
NJA1533109	11/19/92	NJD980536593
NJA1470910	11/13/92	NJD980536593
NJA1470909	11/13/92	NJD980536593
IL383314	12/22/92	ILD098642424
IL3833313	12/22/92	ILD098642424
IL3833312	12/22/92	ILD098642424
IL3833315	12/22/92	ILD098642424
IL3833316	12/22/92	ILD098642424
MAG260404	12/2/92	MAD053452637
MAG260403	12/2/92	MAD053452637
MAG260402	12/2/92	MAD053452637
NJA1470857	12/21/92	NJD089216790
NJA1470850	12/21/92	NJD089216790

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIR LAWN, NJ

EPA ID NO. NJD 010 416 215 91

1992 Hazardous Waste Report

FORM **PS**

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions beginning on page 32 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste treatment, disposal or recycling system description — Instruction Page 38

NEUTRALIZATION OF WASTE ACID, CAUSTIC

B. System type Page 38	C. Regulatory status Page 38	D. Operational status Page 39	E. Unit types Page 39
MI 12	16	01	01

Sec. II

A. 1992 influent quantity — Instruction Page 40

		UOM	Density
Total	6781181.	5	11.000
RCRA	8396.	☒ 1 lbs/gal ☐ 2 sg	
State	8396.		

B. Maximum operational capacity — Page 41

Total	45000000000.
RCRA	45000000000.
State	45000000000.

C. 1992 liquid effluent quantity — Page 42

		UOM	Density
Total	67781181.	5	11.000
RCRA	0.	☐ 1 lbs/gal ☐ 2 sg	
State	0.		

D. 1992 solid/sludge residual quantity — Page 43

		UOM	Density
Total	.	DK	.
RCRA	.	☐ 1 lbs/gal ☐ 2 sg	
State	.		

E. Limitations on maximum operational capacity Page 44	F. Commercial capacity availability code Page 44	G. Percent capacity commercially available Page 45
1. 015 2. 017 3.	1	10 %

Sec. III

A. Planned change in maximum operational capacity — Instruction Page 45

☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. New maximum operational capacity — Page 45

		UOM
Total	.	
RCRA	.	
State	.	

C. Planned year of change Page 46	D. Future commercial capacity availability code Page 46	E. Percent future capacity commercially available Page 46
19		%

Comments:

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

1992 Hazardous Waste Report

FORM **PS**

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions beginning on page 32 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste treatment, disposal or recycling system description — Instruction Page 38

AIR Stripper for shallow ground water

B. System type Page 38	C. Regulatory status Page 38	D. Operational status Page 39	E. Unit types Page 39
M01 S13		01	012

Sec. II

	A. 1992 influent quantity Instruction Page 40	UOM	Density	B. Maximum operational capacity Page 41
Total	12817215712.0	5	11.01	12817215712.0
RCRA	10.0	☒ 1 lbs/gal ☐ 2 sg		10.0
State	12817215712.0			12817215712.0

	C. 1992 liquid effluent quantity Page 42	UOM	Density	D. 1992 solid/sludge residual quantity Page 43	UOM	Density
Total	12817215712.0	5	11.01	.0		.
RCRA	10.0	☒ 1 lbs/gal ☐ 2 sg		.0	☐ 1 lbs/gal ☐ 2 sg	
State	12817215712.0			.0		

E. Limitations on maximum operational capacity Page 44	F. Commercial capacity availability code Page 44	G. Percent capacity commercially available Page 45
1. 01 2. 012 3. 014	1	10 %

Sec. III

A. Planned change in maximum operational capacity — Instruction Page 45

☐ 1 Yes (CONTINUE TO BOX B)

☒ 2 No (THIS FORM IS COMPLETE)

B. New maximum operational capacity Page 45

		UOM
Total	.0	
RCRA	.0	
State	.0	

C. Planned year of change Page 46	D. Future commercial capacity availability code Page 46	E. Percent future capacity commercially available Page 46
1991		%

Comments:

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIR LAWN, NJ

EPA ID NO.: NJD 004 362 059

1992 Hazardous Waste Report

FORM **PS**

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions beginning on page 32 of the 1992 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste treatment, disposal or recycling system description
Instruction Page 38

Coarbon adsorption for treatment of contaminated groundwater

B. System type Page 38	C. Regulatory status Page 38	D. Operational status Page 39	E. Unit types Page 39
M082	1	01	01

Sec. II

A. 1992 influent quantity
Instruction Page 40

		UOM	Density
Total	78338617.	5	1.
RCRA	0.		☒ 1 lbs/gal ☐ 2 sg
State	0.		

B. Maximum operational capacity
Page 41

Total	78840000.
RCRA	0.
State	0.

C. 1992 liquid effluent quantity
Page 42

		UOM	Density
Total	78338617.	5	1.
RCRA	0.		☒ 1 lbs/gal ☐ 2 sg
State	0.		

D. 1992 solid/sludge residual quantity
Page 43

		UOM	Density
Total	.		.
RCRA	.		☐ 1 lbs/gal 2 ☐ sg
State	.		

E. Limitations on maximum operational capacity Page 44	F. Commercial capacity availability code Page 44	G. Percent capacity commercially available Page 45
1. 01 2. 02 3. 04	1	0 %

Sec. III

A. Planned change in maximum operational capacity
Instruction Page 45

☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. New maximum operational capacity
Page 45

		UOM
Total	.	
RCRA	.	
State	.	

C. Planned year of change Page 46	D. Future commercial capacity availability code Page 46	E. Percent future capacity commercially available Page 46
19		%

Comments:
Section I-C - regulated by the local sewer authority

BEFORE COPYING FORM, ENTER:

SITE NAME: Fisher Scientic Company
Fair Lawn, NJ

EPA ID NO.: NJD 004 362 059

FORM **OI**

1992 Hazardous Waste Report

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the back of this page before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: MAD 980 523 203

B. Name of off-site installation or transporter: Clean Harbors of Natic, Inc

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of off-site installation
Street: 10 Mercer Rd
City: Natic State: NA Zip Code: 01760-

Site 2

A. EPA ID No. of off-site installation or transporter: NJD 980 536 593

B. Name of off-site installation or transporter: ADVANCED ENVIRONMENTAL Technology Corp

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of off-site installation
Street: 1 Eden Lane
City: FLANDERS State: NJ Zip Code: 07836-

Site 3

A. EPA ID No. of off-site installation or transporter: NJD 991 291 584

B. Name of off-site installation or transporter: ENVIRONMENTAL TRANSFER CORPORATION

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of off-site installation
Street: Gold Mine Rd
City: Flanders State: NJ Zip Code: 07836-

Site 4

A. EPA ID No. of off-site installation or transporter: NYD 000 632 372

B. Name of off-site installation or transporter: BDT, INC

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of off-site installation
Street: 4255 Research Parkway
City: Clarence State: NY Zip Code: 14031-

Site 5

A. EPA ID No. of off-site installation or transporter: NYD 980 769 947

B. Name of off-site installation or transporter: HAZMAT ENVIRONMENTAL GROUP, INC

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of off-site installation
Street:
City: State: Zip Code:

Comments:

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO FAIR LAWN, NJ

EPA ID NO.: NJD010436259

1992 Hazardous Waste Report

FORM 01

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the back of this page before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: ALD000632464

B. Name of off-site installation or transporter: Chemical Waste Management, Inc

C. Handler type (CHECK ALL THAT APPLY): ☐ Generator ☐ Transporter ☒ TSDR

D. Address of off-site installation:
Street: EMELLE FACILITY ALABAMA HIGHWAY 17 At Mile MARKER 163
City: EMELLE State: AL Zip Code: 35459-

Site 2

A. EPA ID No. of off-site installation or transporter: PAD064935819

B. Name of off-site installation or transporter: HORWITH TRUCKS, INC

C. Handler type (CHECK ALL THAT APPLY): ☐ Generator ☒ Transporter ☐ TSDR

D. Address of off-site installation:
Street: BOX 7 Route 367
City: North Hampton State: PA Zip Code: 18067-

Site 3

A. EPA ID No. of off-site installation or transporter: NJD054599693

B. Name of off-site installation or transporter: CASIE Ecology Oil SALVAGE

C. Handler type (CHECK ALL THAT APPLY): ☐ Generator ☒ Transporter ☒ TSDR

D. Address of off-site installation:
Street: 3209 North Mill Road
City: Vineland State: NJ Zip Code: 08360-

Site 4

A. EPA ID No. of off-site installation or transporter: NJD006804504

B. Name of off-site installation or transporter: DONALD GESELL

C. Handler type (CHECK ALL THAT APPLY): ☐ Generator ☒ Transporter ☐ TSDR

D. Address of off-site installation:
Street:
City: State: Zip Code:

Site 5

A. EPA ID No. of off-site installation or transporter: MAD053452637

B. Name of off-site installation or transporter: Clean Harbors of Braintree Inc

C. Handler type (CHECK ALL THAT APPLY): ☐ Generator ☐ Transporter ☒ TSDR

D. Address of off-site installation:
Street: 385 Quincy Ave
City: Braintree State: MA Zip Code: 02184-

Comments:

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC CO
FAIR LAWN, NJ

EPA ID NO.: NJD 004 362 059

FORM **OI**

1992 Hazardous Waste Report

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the back of this page before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: MAD 039 322 250

B. Name of off-site installation or transporter: CLEAN HARBORS OF KINGSTON INC

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of off-site installation
Street: 250 LACKLAND BR
City: MIDDLESEX State: NJ Zip Code: 08846-

Site 2

A. EPA ID No. of off-site installation or transporter: ILD 098 642 424

B. Name of off-site installation or transporter: TRADE WASTE INCINERATION

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of off-site installation
Street: 7 MOBILE AVE
City: SAUGET State: IL Zip Code: 62201-1069

Site 3

A. EPA ID No. of off-site installation or transporter: ILD 099 202 681

B. Name of off-site installation or transporter: CHEMICAL WASTE MANAGEMENT

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of off-site installation
Street: 41-85 DOREMUS AVE
City: NEWARK State: NJ Zip Code: 07105-

Site 4

A. EPA ID No. of off-site installation or transporter:

B. Name of off-site installation or transporter:

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of off-site installation
Street:
City: State: Zip Code:

Site 5

A. EPA ID No. of off-site installation or transporter:

B. Name of off-site installation or transporter:

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of off-site installation
Street:
City: State: Zip Code:

Comments:

FISHER SCIENTIFIC COMPANY
FAIR LAWN, NJ

SUPPLEMENTAL SUBMISSIONS

1. Closure cost estimate - Attachment 1.

2. There were no incidents in 1991 requiring the implementation of the contingency plan.

3. Completed waste analysis form - Attachment 2.

4. Completed daily inspection form - Attachment 3.

5. Declination by authorities - Not applicable. Local public agencies have agreed to cooperate in emergency response and have participated in drills.

6. The quantities of waste placed in storage equals the amount shipped off-site during the year. All waste was stored over 90 days.

7-13. Not applicable.

ATTACHMENT 1

Nancy McKinley	From Tom Tisa
FLP	Co.
Dept.	Phone #
Fax #	Fax #

International Banking Department
One Mellon Bank Center
Pittsburgh, Pennsylvania 15258

Date of Request

Letter of Credit No. 60357

Please amend by ☐ cable ☐ airmail
as follows:

Extend latest shipping date to	N/A	Shorten latest shipping date to	N/A
Extend expiry date to	10/10/94	Shorten expiry date to	N/A
Increase amount of credit by	$28,976	to a new value of	$309,976
Decrease amount of credit by	N/A	to a new value of	N/A

Covering: (give relative details of merchandise; must be consistent with existing description in Letter of Credit)

Required financial assurance for closure of permitted hazardous waste facilities at: 1) Fair Lawn Plant, Fair Lawn, N.J. ($247,156) and 2) Bridgewater Packaging Facility ($62,820).

Other changes in documents, terms or conditions:

All Other Terms and Conditions Remain Unchanged

We hereby agree to make due provision for any drafts under this amended credit with the same force and manner as covered by the agreement signed and/or in effect at the time this credit was originally opened.

In accordance with The Uniform Customs and Practice for Documentary Credits, (1983 Revision) International Chamber of Commerce Publication 400, Article 10d, a letter of credit can neither be amended nor cancelled without the agreement of the beneficiary. In the event the beneficiary rejects this amendment, the terms and conditions of this credit will revert to those in effect prior to this amendment.

Name of customer

Authorized signature

FX-194.1 (9/84)

FISHER SCIENTIFIC GROUP INC.
REQUEST FORM FOR
LETTERS OF CREDIT AND BANK GUARANTEES

Summary Information

Date of Request: 6/11/92 Request No.: ____-_____

US $ Amount: $309,976 Currency of Issue: _____

Issuance Date: 10/10/90 Expiration Date: 10/10/94

Requested By: T.J. Tisa Local Approval: _____

Beneficiary and Country: New Jersey Department of Environmental Protection USA

Purpose: Financial assurance to cover estimated closure costs of permitted hazardous waste facilities: 1) Fair Lawn Plant ($247,156 2) Bridgewater Plant ($62,82

Justification for Letter of Credit or Bank Guarantees:

New Jersey Solid and Hazardous Waste Management Regulations 7:26-9.10 require financial assurance that monies are available to meet closure cost estimate outlined in closure plan for two permitted hazardous waste facilities.

This request is to be completed at the earliest possible stage in a bid proposal and/or contract negociation and must be accompanied by a draft of the desired language for the letter of credit or bank guarantee and any other pertinent information.

Approvals

_____ _____
President/Chief Executive Officer Date

_____ _____
Chief Financial Officer Date

_____ _____
Legal Date

_____ _____
Fisher Group Treasurer Date

FISHER SCIENTIFIC GROUP INC.
REQUEST FORM FOR
LETTERS OF CREDIT AND BANK GUARANTEES

Summary Information

Date of Request: 6/11/92 Request No.: ____-_____

US $ Amount: $309,976 Currency of Issue: _____

Issuance Date: 10/10/90 Expiration Date: 10/10/94

Requested By: T.J. Tisa Local Approval: _____

Beneficiary and Country: New Jersey Department of Environmental Protection USA

Purpose: Financial assurance to cover estimated closure costs of permitted hazardous waste facilities: 1) Fair Lawn Plant ($247,156) 2) Bridgewater Plant ($62,820

Justification for Letter of Credit or Bank Guarantees:

New Jersey Solid and Hazardous Waste Management Regulations 7:26-9.10 require financial assurance that monies are available to meet closure cost estimate outlined in closure plan for two permitted hazardous waste facilities.

This request is to be completed at the earliest possible stage in a bid proposal and/or contract negociation and must be accompanied by a draft of the desired language for the letter of credit or bank guarantee and any other pertinent information.

Approvals

_____ _____
President/Chief Executive Officer Date

_____ _____
Chief Financial Officer Date

_____ _____
Legal Date

_____ _____
Fisher Group Treasurer Date

January 25, 1993

Revision No.: 1

Table I.4-2

PARTIAL FOR HAZARDOUS WASTE PAD

Task/Procedure					Cost
ACIDS	DRUMS				
Handling/Transportation	156	x	15	=	$ 2340.00
Disposal	156	x	152	=	23712.00
Haz Waste Fee	156	x	11	=	1716.00
BASES					
Handling/Transportation	64	x	15	=	960.00
Haz Waste Fee	64	x	11	=	704.00
Disposal	64	x	152	=	9728.00
CHLORINATED SOLVENTS					
Handling/Transportation	60	x	15	=	900.00
Haz Waste Fee	64	x	11	=	660.00
Disposal	60	x	375	=	22500.00
FLAMMABLE SOLVENTS					
Disposal	69	x	93.05	=	6489.00
MISCELLANEOUS					
Handling/Transportation	63	x	15	=	945.00
Haz Waste Fee	63	x	11	=	693.00
Disposal	16	x	770	=	12320.00
TASK TOTAL FOR FUTURE PROPOSED FACILITY					**$83667.00**
1992 Partial closure for present facility					$ 79710.00

January 25, 1993
Revision No.: 2

PARTIAL AND FINAL CLOSURE COST ESTIMATES

The partial closure cost estimate of $79,710 for 1992 has been revised to $83,667 for future proposed Hazardous Waste Storage Area. (see attached revised Table I.4-2)

The final closure cost estimate of $247,156 for 1992 will remain the same for the future proposed Hazardous Waste Storage Areas. (see attached revised Table I.4-3)

Date: July 11, 1986
Revision No.: 1
I

Table I.4-2

Detailed Cost Estimate for Final Closure of Current Facility

Task/Procedure	Cost
1. Inventory Disposal Manifest	
Labor:	
3 building laborers x 16 hrs x $25.50/hr	$ 816.00
1 equipment operator x 16 hrs x $32.25/hr	516.00
Overhead, mob/demob, fringes, differential*	1,161.60
Supervision	
1 [illegible]	1,000.00
Equipment	
1 forklift x 2 days x $185/day	370.00
1 truck/trailer delivery [illegible] x $50/hr (assuming [illegible] less than 1 hr)	800.00
Equipment decontamination	88.80
TASK TOTAL	$ 4,382.00
2. Waste Transport and Disposal Maximum Total Inventory of 430 drums including:	
Lab Packs (Includes R&S area)	
Transportation - 3 loads x 370 miles x $3.80/loaded mile	$ 3,885.00
Disposal - 107 drums x 165/drum	17,655.00

TABLE I.4-3
(continued)

TASK/PROCEDURE					COST
ACIDS	DRUMS				
Handling/Transportation	156	x	15	=	$ 2340.00
Disposal	156	x	152	=	23712.00
Haz Waste Fee	156	x	11	=	1716.00
BASES					
Handling/Transportation	64	x	15	=	960.00
Haz Waste Fee	64	x	11	=	704.00
Disposal	64	x	152	=	9728.00
CHLORINATED SOLVENTS					
Handling/Transportation	60	x	15	=	900.00
Disposal	60	x	375	=	22500.00
Haz Waste Fee	60	x	11	=	660.00
MISCELLANEOUS					
Handling/Transportation	16	x	15	=	256.00
Haz Waste Fee	63	x	11	=	693.00
Disposal	16	x	770	=	12320.00
FLAMMABLE					
Transportation/Handling	69	x	15	=	1035.00
Disposal	69	x	93.05	=	6420.40
TASK TOTAL					**$109866.40**

R&S LABORATORY ACCUMULATION/STORAGE ROOM

3. Decontaminate Secondary Containment
   (R&S Area = 435 sq. ft.)

Labor

2 building laborers x 8 hrs x $25.50/hr	$ 408.00
1 equipment operator x 8 hrs x #32.25/hr	258.00
Overhead, Mobilization, foreman differential	444.90

This page is in 1992 dollars

ATTACHMENT 2

WASTE PROFILE

Profile #

(_) Check here if this is a Recertification LOCATION OF ORIGINAL CWM, Inc. - Emelle

GENERAL INFORMATION

1. Generator Name: FISHER SCIENTIFIC Generator USEPA ID: NJD004362859

2. Generator Address: 1 REAGENT LANE Billing Address: (_) Same CHEMICAL WASTE MANAGEMENT

P O BOX 96

FAIR LAWN NJ 07410-0000 SEALSTON VA 22547

3. Technical Contact/Phone: JOHN GIBLIN 201/796-7100

4. Alternate Contact/Phone: Billing Contact/Phone:

PROPERTIES AND COMPOSITION

5. Process Generating Waste: OUTDATED BANNED COMMERCIAL PRODUCTS

6. Waste Name: NON REGULATED MATERIAL/PLC

7A. Is this a USEPA hazardous waste (40 CFR Part 261)? Yes (_) No (X)

B. Identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U):

State Waste Codes:

8. Physical State @ 70F: A. Solid(X) Liquid(_) Both(_) Gas(_) B. Single Layer (X) Multilayer (_) C. Free liq. range ___ to ___%

9A. pH: Range _____ or Not applicable (X) B. Strong Odor (_);describe

10. Liquid Flash Point: < 73F (_) 73-99F (_) 100-139F (_) 140-199F (_) >= 200F (_) N.A. (X) Closed Cup (_) Open Cup (X)

11. CHEMICAL COMPOSITION: List ALL constituents (incl. halogenated organics) present in any concentration and forward analysis

Constituents	Range	Units
LAB PACKS	to 100	%
	to	
	to	
	to	
	to	
	to	
TOTAL COMPOSITION (MUST EQUAL OR EXCEED 100%):		

12. OTHER: PCBs if yes, concentration _ _____ ppm, PCBs regulated by 40 CFR 761 (_). Pyrophoric (_) Explosive (_) Radioactive (_) Benzene if yes, concentration _ _____ ppm. Shock Sensitive (_) Oxidizer (_) Carcinogen (_) Infectious (_) Other _____

13. If waste subject to the land ban & meets treatment standards, check here: _ & supply analytical results where applicable.

SHIPPING INFORMATION

14. PACKAGING: Bulk Solid (_) Bulk Liquid (_) Drum (X) Type/Size: 55 GALLON DRUM Other 2 TON

15. ANTICIPATED ANNUAL VOLUME: 7 Units: 55 GALLON DRUM Shipping Frequency: YEAR

SAMPLING INFORMATION

Sample Tracking Number: 0031938

16a. Sample source (drum, lagoon, pond, tank, vat, etc.):

Date Sampled: _____ Sampler's Name/Company:

16b. Generator's Agent Supervising Sampling: 17. (X) No sample required (See instructions.)

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize CWM to obtain a sample from any waste shipment for purposes of recertification.

John J Giblin — Signature

John J. Giblin, Dir, Reg Affairs — Name and Title

2/26/92 — Date

18. This is a Nonwastewater.

19. If this waste is subject to any California list restrictions enter the letter from below (either A, B.1 or B.2) next to each restriction that is applicable:

___ HOCs, ___ PCBs, ___ Acid, ___ Metals, ___ Cyanides

20. Identify ALL Characteristic and Listed USEPA hazardous waste numbers that apply (as defined by 40 CFR 261). For each waste number, identify the subcategory (as applicable, check none, or write in the description from 40 CFR 268.41, 268.42, and 268.43).

REP #	A. US EPA HAZARDOUS WASTE CODE(S)	B. SUBCATEGORY Enter the subcategory description. If not applicable, simply check none		C. APPLICABLE TREATMENT STANDARDS			D. HOW MUST THE WASTE BE MANAGED?
				PERFORMANCE-BASED: Check as applicable		SPECIFIED TECHNOLOGY: If applicable enter the 40 CFR 268.42 table 1 treatment code(s)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42	Enter letter from below
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

Management under the land disposal restrictions:

A. RESTRICTED WASTE REQUIRES TREATMENT

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

B.3 GOOD FAITH ANALYTICAL CERTIFICATION FOR INCINERATED ORGANICS

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

E. NOT CURRENTLY SUBJECT TO LAND DISPOSAL RESTRICTIONS

21. Is this waste a soil and/or debris? No: X Yes, Soil: _ Yes, Debris: _ Yes, Both: _

22. Specific Gravity Range: _____ to _____

23. Indicate the range of each: Units

Cyanides: _ None _____ to _____ _____ Type (free, total, amenable, etc.) _____

Cyanides: _ None _____ to _____ _____ Type (free, total, amenable, etc.) _____

Sulfides: _ None _____ to _____ _____ Type _____

Optional
Phenolics: _ None _____ to _____ _____

24. Identify the waste color _____

and physical appearance LAB PACK _____

25. COMPLETE ONLY FOR WASTES INTENDED FOR FUELS OR INCINERATION

	TOTAL	
Beryllium as Be	_____	ppm
Potassium as K	_____	ppm
Sodium as Na	_____	ppm
Bromine as Br	_____	%
Chlorine as Cl	_____	%
Fluorine as F	_____	%
Sulfur as S	_____	%

26. RECLAMATION, FUELS or INCINERATION PARAMETERS
(Provide if information is available)

RANGE

A. Heat Value (Btu/lb): ____-____

B. Water: _____

C. Viscosity (cps): ____@____F _ 100 F _ 150 F

D. Ash: _____ %

E. Settleable solids: _____ %

F. Vapor Pressure @ STP (mm/Hg): ____

G. Is this waste a pumpable liquid? Yes _ No _

H. Can this waste be heated to improve flow? Yes _ No _

I. Is this waste soluble in water? Yes _ No _

J. Particle size: Will the solid portion of this waste pass through a 1/8 inch screen? Yes _ No _

27. TRANSPORTATION INFORMATION

A. Is this a DOT Hazardous Material? Yes _ No X

B. Proper Shipping Name: SEE DRUM INVENTORY

C. Hazard Class: _____ I.D. _____

D. CERCLA Reportable Quantity (RQ) and units (Lb, Kg): _____

28. SPECIAL HANDLING INFORMATION

_____

_____

_____

_____

_ Material Safety Data Sheets Attached

29. OTHER INFORMATION

_____

_____

_____

_____

_____

30. CHEMICAL WASTE MANAGEMENT CERTIFICATION

Chemical Waste Management, Inc. has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile.

31. OTHER HAZARDOUS CONSTITUENTS Indicate if the waste contains any of the following.

METALS	TCLP Information: Check only ONE for each constituent Use units: ppm, mg/l				TCLP Data	TCA or TOTAL Use units: ppm, mg/l, mg/kg or percent			
						California List			
	Less Than	TC Regulated Level	Equal or More	Waste No.	TCLP Actual	Less Than	Regulated Level	Equal or More	Actual
Arsenic as As	X	5.0 mg/l		D004		X	500 mg/l		
Barium as Ba	X	100.0 mg/l		D005					
Cadmium as Cd	X	1.0 mg/l		D006		X	100 mg/l		
Chromium tot Cr	X	5.0 mg/l		D007					
Lead as Pb	X	5.0 mg/l		D008		X	500 mg/l		
Mercury as Hg	X	.2 mg/l		D009		X	20 mg/l		
Selenium as Se	X	1.0 mg/l		D010		X	100 mg/l		
Silver as Ag	X	5.0 mg/l		D011					
Nickel as Ni						X	134 mg/l		
Thallium as Tl						X	130 mg/l		
Chromium Hex						X	500 mg/l		
Antimony									
Beryllium									
Copper									
Vanadium									
Zinc									

32. OTHER HAZARDOUS CONSTITUENTS Indicate if the waste contains any of the following.

ORGANICS	TCLP Information: Check only ONE for each constituent				TCLP Data	TCA or TOTAL Use units: ppm, mg/l or %
	Less Than	Regulated Level	Equal or More	Waste No.	TCLP Analytical Test Results Use units: ppm or mg/l	
Benzene	X	0.5 mg/l		D018		
Carbon Tetrachloride	X	0.5 mg/l		D019		
Chlordane	X	0.03 mg/l		D020		
Chlorobenzene	X	100.0 mg/l		D021		
Chloroform	X	6.0 mg/l		D022		
m-Cresol	X	200 mg/l		D024		
o-Cresol	X	200.0 mg/l		D023		
p-Cresol	X	200.0 mg/l		D025		
Cresol	X	200.0 mg/l		D026		
2,4-D	X	10.0 mg/l		D016		
1,4 Dichlorobenzene	X	7.5 mg/l		D027		
1,2-Dichloroethylene	X	0.5 mg/l		D028		
1,1-Dichloroethylene	X	0.7 mg/l		D029		
2,4-Dinitrotoluene	X	0.13 mg/l		D030		
Endrin	X	.02 mg/l		D012		
Heptachlor, & Hydroxide	X	0.008 mg/l		D031		
Hexachloro-1,3 Butadiene	X	0.5 mg/l		D033		
Hexachlorobenzene	X	0.13 mg/l		D032		
Hexachloroethane	X	3.0 mg/l		D034		
Lindane	X	0.4 mg/l		D013		
Methoxychlor	X	10.0 mg/l		D014		
Methyl Ethyl Ketone	X	200.0 mg/l		D035		
Nitrobenzene	X	2.0 mg/l		D036		
Pentachlorophenol	X	100.0 mg/l		D037		
Pyridine	X	5.0 mg/l		D038		
Tetrachloroethylene	X	0.7 mg/l		D039		
Toxaphene	X	0.5 mg/l		D015		
2,4,5-TP Silvex	X	1.0 mg/l		D017		
Trichloroethylene	X	0.5 mg/l		D040		
2,4,5-Trichlorophenol	X	400.0 mg/l		D041		
2,4,6-Trichlorophenol	X	2.0 mg/l		D042		
Vinyl Chloride	X	0.2 mg/l		D043		

ATTACHMENT 3

ATTACHMENT 4

FISHER SCIENTIFIC COMPANY — FAIR LAWN
RCRA — DAILY INSPECTION LOG

P. Pan
6/4/92 [illegible]

WASTE STORAGE AREAS
- CHECK FOR SPILLS
- PROPER SEGREGATION OF [illegible]
- HOUSEKEEPING
- SAFETY CONDITIONS
- AIR EMISSIONS
- IDENTIFICATION & LABELS
- CONTAINMENT
- IMPROPERLY STORED MATERIAL
- STORAGE AREA ENTRANCE BARRIER

WASTE CONTAINERS
- LEAKING
- CORROSION
- DAMAGED CONTAINERS
- IDENTIFICATION AND LABELS
- BUNGS CLOSED AND SECURED
- GROUNDING STRAPS
- DRUM COVERS

VALVES
- ENSURE CLOSED POSIT
- CONDITION OF AREA
- HOUSEKEEPING
- COLLECTED MATERIALS DIKE
- SPILLS
- POTENTIAL RELEASES

AREA INSPECTED	ITEMS FOR INSPECTION	OBSERVATIONS/IDENTIFIED PROB
RECLAMATION & SALVAGE EQUIPMENT PANEL	DRUM AND LAB PACK STORAGE, NEUTRALIZATION AREA, EXCURSIONS, WELL WATER FLOW, TRENCH FLOW	Clean + organized
BUILDING #3 CONTAINMENT VALVE	POSITION OF VALVE, SPILLS, CONTAINMENT	Normal
LIQUID PACKAGING WASTE STORAGE	CONTAINERS, HOUSEKEEPING	closed. No spills
FLAMMABLE ROOM	FLOOR DRAIN VALVE, HOUSEKEEPING	clean.
RECEIVER STORAGE	OPERATIONS, HOUSEKEEPING	closed. clean.
METHANOL TANK DRAIN VALVE	POSITION OF VALVE, SPILLS	Normal. clean.
HAZARDOUS WASTE DRUM STORAGE	DRUM STORAGE, MFG. ACCUMULATION AREA, EMPTY DRUM STORAGE, DRUM STORAGE LOG BOOK	closed. No spills. clean + Organize
BUILDING 2 INTERCEPTOR SUMP	OPERATIONS OF SUMP	
DISTILLATION AREA	OPERATIONS	Normal
CAUSTIC SODA CONTAINMENT VALVE	POSITION OF VALVE	Normal
BUILDING 5, 6 STORM DRAIN VALVES	POSITION OF VALVE, ACCUMULATION OF RAINWATER	Closed.
RAW MATERIAL DRUM STORAGE	DRUM STORAGE, HOUSEKEEPING	closed - No Rainwater
SEWER TREATMENT PIT	OPERATIONS, ACCUMULATION OF RAINWATER	cleaned out
SEWER TREATMENT SHED	ACID/CAUSTIC TANK, HOUSEKEEPING, MONITORING EQUIPMENT	Normal - No Rainwat
COMPACTOR	HOUSEKEEPING	Both Full clean, Norm
SEWER METER SHED	MONITORING EQUIPMENT, SAMPLER, HOUSEKEEPING, MAN-HOLE	clean.
INSPECTION START TIME:		Normal - clean.

FINISH TIME:

Fisher Scientific

1 Reagent Lane
Fair Lawn, NJ 07410

P652-479-643

CERTIFIED MAIL NO. ~~518-418-858~~
RETURN RECEIPT REQUESTED

February 28, 1992

New Jersey Department of Environmental
Protection and Energy
Bureau of Revenue
CN 417, 428 East State Street
Trenton, New Jersey 08625-0417

Attn: Manifest Section - Annual Reports

To Whom It May Concern:

Please find enclosed the 1991 Hazardous Waste Annual Reports for the Fisher Scientific Company's facilities at Fair Lawn, NJ and at Somerville, NJ. A check in the amount of $2,300.00 is enclosed to cover the fees for both facilities.

Sincerely,

FISHER SCIENTIFIC COMPANY

John J. Giblin

John J. Giblin
Director, Regulatory Affairs

JJG:kk

CHEMICAL DIVISION 1 REAGENT LANE FAIR LAWN, NJ 07410

No. 6495

VOUCHER NO.	VENDOR INVOICE DATE	NUMBER	AMOUNT	DISCOUNT	PAYMENT AMOUNT
[illegible]	02/26/92	RCRABPF	1100.00	0.00	1100.00
209007	02/26/92	RCRAFL	1200.00	0.00	1200.00

DETACH BEFORE DEPOSITING

TOTAL PAID → 2300.00

Fisher Scientific
CHEMICAL DIVISION
1 REAGENT LANE
FAIR LAWN, NJ 07410

FIRST FIDELITY BANK, N.A., NEW JERSEY
FAIRLAWN, NEW JERSEY

No. 6495

55-2
212

CHECK DATE	CHECK NO.	CHECK AMOUNT
02/27/92	00073807	*****2300.00

TWO THOUSAND THREE HUNDRED AND 00/100 DOLLARS********

$50.00 OR LESS REQUIRES ONE SIGNATURE

AUTHORIZED SIGNATURE

TREASURER-STATE OF NEW JERSEY
BUREAU OF REVENUE
428 EAST STATE ST.
CN417
TRENTON, NJ
08625

⑈006495⑈ ⑆021200025⑆ 842 640073 4⑈

Site Name _____

_____

EPA ID No. ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

OFFICIAL USE ONLY
Ann. Fee _____
RA _____
Date _____
Rec'd By _____

HAZARDOUS WASTE FACILITY
1991 FEE VERIFICATION WORKSHEET

INSTRUCTIONS: Complete the below fee category information. If your site is required to submit a fee, then attach the check were indicated.

Attach check or money order here.

Make Payable to: Treasurer State of New Jersey

Mail Report to: NJDEPE, Bureau of Revenue
CN417
420 East State Street
Trenton, NJ 08625-0417
Attention: Manifest Section

Fee Category (Check appropriate generator and hazardous waste facility status boxes.)

☐	No Fee	This site (company) manifested less than 1.33 tons of hazardous waste for the calendar year .
☐	$200.00	This site (company) manifested 1.33 tons or more of hazardous waste but less than 10 tons of hazardous waste during the calendar year.
☐	$300.00	This site (company) manifested 10 tons or more of hazardous waste but less than 100 tons of hazardous waste during the calendar year.
☒	$400.00	This site (company) manifested 100 tons or more of hazardous waste during the calendar year.
☒	$800.00	In addition to the above indicated generator status, this site (company) was a hazardous waste facility during the calendar year.
$ 1200.00		TOTAL FEE SUBMITTED.

Site Name FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID No. NJD 004 362 059

OFFICIAL USE ONLY	
Ann. Fee	
RA	
Date	
Rec'd By	

HAZARDOUS WASTE FACILITY
1991 FEE VERIFICATION WORKSHEET

INSTRUCTIONS: Complete the below fee category information. If your site is required to submit a fee, then attach the check were indicated.

Attach check or money order here.

Make Payable to: Treasurer State of New Jersey

Mail Report to: NJDEPE, Bureau of Revenue
CN417
420 East State Street
Trenton, NJ 08625-0417
Attention: Manifest Section

Fee Category (Check appropriate generator and hazardous waste facility status boxes.)

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☐	$300.00	This site (company) manifested 10 tons or more of hazardous waste but less than 100 tons of hazardous waste during the calendar year.
☒	$400.00	This site (company) manifested 100 tons or more of hazardous waste during the calendar year.
☒	$800.00	In addition to the above indicated generator status, this site (company) was a hazardous waste facility during the calendar year.

$ 1200.00 TOTAL FEE SUBMITTED.

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 014 362 959

1991 Hazardous Waste Report

FORM **IC**

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 6 of the 1991 Hazardous Waste Report booklet before completing this form.

SEC. I Site name and location address. Complete items A through H. Check the box ☒ in items A, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 6

A. EPA ID No. — Same as label ☐ or → NJD 014 362 959

B. County: BERGEN

C. Site/company name — Same as label ☐ or → FISHER SCIENTIFIC COMP.

D. Has the site name associated with this EPA ID changed since 1989? ☐ 1 Yes ☒ 2 No

E. Street name and number. If not applicable, enter industrial park, building name or other physical location description. — Same as label ☐ or → 1 REAGENT LANE

F. City, town, village, etc. — Same as label ☐ or → FAIR LAWN

G. State — Same as label ☐: NJ

H. Zip Code — Same as label ☐: 07410-

SEC. II Mailing address of site. Instruction page 6

A. Is the mailing address the same as the location address? ☒ 1 Yes (SKIP TO SEC. III) ☐ 2 No (GO TO BOX B)

B. Number and street name of mailing address

C. City, town, village, etc.

D. State

E. Zip Code

SEC. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 6

A. Please print: Last name	First name	M.I.	B. Title	C. Telephone
GIBLIN	JOHN	J	DIRECTOR OF REG. AFFAIRS	201 796-7100 Extension 2814

SEC. IV Enter the Standard Industrial Classification (SIC) Code that describes the principal products, group of products, produced or distributed, or the services rendered at the site's physical location. Enter more than one SIC Code only if no one industry description includes the combined activities of the site. Instruction page 7

A.	B.	C.	D.
2869	2899	5169	

SEC. V "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Please print: Last name	First name	M.I.	B. Title
CRAWLEY	DAVID	M	DIRECTOR, CHEMICAL OPERATIONS

C. Signature: David M Crawley

D. Date of signature: 01 (MO.) 27 (DAY) 92 (YR.)

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP FAIR LAWN NJ

EPA ID NO.: NJD | 0014 | 3612 | 0519

1991 Hazardous Waste Report

FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions beginning on page 32 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste treatment, disposal or recycling system description — Instruction Page 38

NEUTRALIZATION OF D002 WASTE ACID & ALKALI SOLUTIONS

B. System type Page 38	C. Regulatory status Page 38	D. Operational status Page 39	E. Unit types Page 39
M121	06	01	01 /

Sec. II

A. 1991 influent quantity — Instruction Page 40

		UOM	Density
Total	52516000.0	5	1.99
RCRA	52516000.0		☐ 1 lbs/gal ☐ 2 sg
State	52516000.0		

B. Maximum operational capacity — Page 41

Total	450000000.
RCRA	450000000.
State	450000000.

C. 1991 liquid effluent quantity — Page 42

		UOM	Density
Total	5251600.0	5	1.00
RCRA	0.		☐ 1 lbs/gal ☒ 2 sg
State	0.		

D. 1991 solid/sludge residual quantity — Page 43

		UOM	Density
Total	24900.0	1	NA
RCRA	0.		☐ 1 lbs/gal 2 ☐ sg
State	0.		

E. Limitations on maximum operational capacity Page 44	F. Commercial capacity availability code Page 44	G. Percent capacity commercially available Page 45
1. 05 2. 07 3.	2	0 %

Sec. III

A. Planned change in maximum operational capacity — Instruction Page 45

☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. New maximum operational capacity — Page 45

	UOM
Total	
RCRA	
State	

C. Planned year of change Page 46	D. Future commercial capacity availability code Page 46	E. Percent future capacity commercially available Page 46
1991		%

Comments:

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP FAIR LAWN NJ.

EPA ID NO.: NJD 014 362 059

FORM 01

1991 Hazardous Waste Report

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the back of this page before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: NJD 918 105 316 513

B. Name of off-site installation or transporter: ADVANCED ENVIRONMENTAL TECHNOLOGY CORP

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of off-site installation
- Street: 1 EDEN LN
- City: FLANDERS State: NJ Zip Code: 07836-

Site 2

A. EPA ID No. of off-site installation or transporter: NJD 991 129 115 814

B. Name of off-site installation or transporter: ENVIRONMENTAL TRANSFER CORP.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of off-site installation
- Street: 1 EDEN LN
- City: FLANDERS State: NJ Zip Code: 07836-

Site 3

A. EPA ID No. of off-site installation or transporter: ILD 099 210 261 81

B. Name of off-site installation or transporter: CHEMICAL WASTE MANAGEMENT

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of off-site installation
- Street: PO Box 55
- City: EMELLE State: AL Zip Code: 35459-

Site 4

A. EPA ID No. of off-site installation or transporter: TXD 048 215 230

B. Name of off-site installation or transporter: FISHER SCIENTIFIC COMP

C. Handler type (CHECK ALL THAT APPLY)
- ☒ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of off-site installation
- Street: 10700 ROCKLEY ROAD
- City: HOUSTON State: TX Zip Code: 77099-

Site 5

A. EPA ID No. of off-site installation or transporter:

B. Name of off-site installation or transporter:

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of off-site installation
- Street:
- City: State: Zip Code:

Comments:

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP FAIR LAWN NJ

EPA ID NO.: NJD 010 436 2059

FORM **01**

1991 Hazardous Waste Report

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the back of this page before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: ILD 098 642 424

B. Name of off-site installation or transporter: TRADE WASTE INCINERATION

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of off-site installation
- Street: 7 MOBILE AVE
- City: SAUGET State: IL Zip Code: 62201-1069

Site 2

A. EPA ID No. of off-site installation or transporter: PAD 016 035 811 9

B. Name of off-site installation or transporter: HORWITH TRUCKS, INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of off-site installation
- Street: BOX 7, ROUTE 367
- City: NORTHHAMPTON State: PA Zip Code: 18067-

Site 3

A. EPA ID No. of off-site installation or transporter: NJD 002 451 454

B. Name of off-site installation or transporter: MARISOL, INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☒ Generator
- ☒ Transporter
- ☒ TSDR

D. Address of off-site installation
- Street: 125 FACTORY LANE
- City: MIDDLESEX State: NJ Zip Code: 08846-

Site 4

A. EPA ID No. of off-site installation or transporter: MAD 053 451 2637

B. Name of off-site installation or transporter: CLEAN HARBORS OF BRAINTREE, INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of off-site installation
- Street: 385 QUINCY AVE
- City: BRAINTREE State: MA Zip Code: 02184-

Site 5

A. EPA ID No. of off-site installation or transporter: MAD 039 312 2510

B. Name of off-site installation or transporter: CLEAN HARBORS OF KINGSTON, INC

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of off-site installation
- Street: 530 EAST FIRST ST.
- City: S. BOSTON State: MA Zip Code: 02127-

Comments:

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP. FAIR LAWN, NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: LAB PACKS WITH ACUTELY HAZARDOUS BATCH AND RETENSION SAMPLES

B. EPA hazardous waste code Page 15: D004 D005 D006 D007 D008

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 System type: M NA

F. Source code Page 17: A 94

G. Point of measurement Page 17: 1

H. Form code Page 17: B 004

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 3

K. CAS numbers Page 18: 1. 00075-09-2 2. 00067-66-3 3. NA 4. 5.

Sec. II

A. Quantity generated in 1990 Instruction Page 18: 52571.0

B. Quantity generated in 1991 Page 18: 8533.

C. UOM Page 19: 1 Density: NA. ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: .

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: .

Sec. III

A. Was any of this waste shipped off site in 1991? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1991 Page 21
1	ILD 098 642 424	M 043	1	8533.0
2		M		.

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1991 due to new activities Page 23	E. Activity/production index Page 23	F. 1991 Source reduction quantity Page 24
W21 W W99 W	☐ 1 Yes ☒ 2 No	DK.	NA.	DK.

Comments: I-B) See attached continuation. I-D) Also 2899, 5169. IV-B) Reduction in amount of sample drawn

Page ____ of ____

LAB PACKS WITH ACUTELY HAZARDOUS BATCH AND RETENSION SAMPLES

COMMENTS - continuation
I-B) EPA WASTE CODES

D001	U007	P012
	U012	P018
	U044	P030
	U052	P092
	U071	P098
	U072	P105
	U080	P106
	U122	P118
	U135	P119
	U144	P120
	U151	
	U165	
	U169	
	U170	
	U188	
	U219	

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN, NJ

EPA ID NO. NJD 0104 3612 0519

FORM **GM**

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): LAB PACKS OF BATCH OR RETENSION SAMPLES

B. EPA hazardous waste code (Page 15): D001 D0102 D0103 D0104 D005

C. State hazardous waste code (Page 15): WA

D. SIC code (Page 16)	E. Origin code (Page 16)	F. Source code (Page 17)	G. Point of measurement (Page 17)	H. Form code (Page 17)	I. RCRA-radioactive mixed (Page 17)
28619	1 (System type: MINA)	A94	1	B1011	2

J. Reported TRI constituent (Page 18): 3

K. CAS numbers (Page 18):
1. 000627-64-1
2. 001075-05-8
3. 010109-82-7
4. 000627-66-3
5. 000627-56-1

Sec. II

A. Quantity generated in 1990 (Instruction Page 18)	B. Quantity generated in 1991 (Page 18)	C. UOM (Page 19) / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19)
18661.0	61398.0	1 (MA.) ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1		ON-SITE SYSTEM 2	
On-site system type (Page 19)	Quantity treated, disposed or recycled on site in 1991	On-site system type (Page 19)	Quantity treated, disposed or recycled on site in 1991
M		M	

Sec. III

A. Was any of this waste shipped off site in 1991? (Instruction Page 20) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1991 (Page 21)
Site 1	ILD 098 641 2424	M 094 3	1	61398.0
Site 2	NA	M		

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? (Instruction Page 22) ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1991 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1991 Source reduction quantity (Page 24)
W21 W19 W W	☐ 1 Yes ☒ 2 No	DK.	NA.	DK.

Comments: I-B) See attached continuation. I-D) Also 2899, 5169. I-K) 00075-09-02
IV-B) Reduction of excess sample retained

LAB PACKS WITH BATCH OR RETENSIONS SAMPLES

COMMENTS - continuation
I-B) EPA WASTE CODES

D006	U002	U031	U154
D007	U003	U044	U196
D008	U006	U056	U220
D009	U007	U019	U214
D011		U046	U353
		U080	U122
		U070	U210
		U077	U177
			U114
			U211
			U157
			U188
			U213
			U135
			U179
			U108
			U144

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN, NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: WASTE PERMOUNT®

B. EPA hazardous waste code Page 15: D001 NA

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 — System type: M NA

F. Source code Page 17: A 32

G. Point of measurement Page 17: 1

H. Form code Page 17: B 310

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 2

K. CAS numbers Page 18: 1. ___-__-__ 2. ___-__-__ 3. NA__-__-__ 4. ___-__-__ 5. ___-__-__

Sec. II

A. Quantity generated in 1990 Instruction Page 18: ___.__

B. Quantity generated in 1991 Page 18: 800.0

C. UOM Page 19: 1 — Density: NA. ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☐ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: ___.__

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: ___.__

Sec. III

A. Was any of this waste shipped off site in 1991? Instruction Page 20
☐ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1991 Page 21
Site 1	NJD 980 536 593	M 141	1	800.0
Site 2		M		

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1991 due to new activities Page 23	E. Activity/production index Page 23	F. 1991 Source reduction quantity Page 24
W W W W	☐ 1 Yes ☐ 2 No	___.__	___.__	___.__

Comments: I-D) ALSO 2899, 5169

Page ____ of ____

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN, NJ

EPA ID NO.: NJD 0 1 0 4 3 6 2 0 5 9

1991 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): WASTE COPPER CHLORIDE SOLUTION

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 15)	D. SIC code (Page 16)	E. Origin code (Page 16) / System type	F. Source code (Page 17)	G. Point of measurement (Page 17)	H. Form code (Page 17)	I. RCRA-radioactive mixed (Page 17)	J. Reported TRI constituent (Page 18)	K. CAS numbers (Page 18)
D002	NA	2869	1 / M NA	A 57	1	B 1 0 5	2	2	3. NA

Sec. II

A. Quantity generated in 1990 (Instruction Page 18)	B. Quantity generated in 1991 (Page 18)	C. UOM (Page 19) / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19)
DK	4000.10	1 / NA .	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)
		☐ 1 lbs/gal ☐ 2 sg	

ON-SITE SYSTEM 1		ON-SITE SYSTEM 2	
On-site system type (Page 19)	Quantity treated, disposed or recycled on site in 1991	On-site system type (Page 19)	Quantity treated, disposed or recycled on site in 1991
M		M	

Sec. III

A. Was any of this waste shipped off site in 1991? (Instruction Page 20) ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1991 (Page 21)
Site 1	NJD 980 536 593	M 14	1	4000.10
Site 2	NA	M		

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? (Instruction Page 22) ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1991 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1991 Source reduction quantity (Page 24)
W W / W W	☐ 1 Yes ☐ 2 No		.	

Comments: I-D.) Also 2899, 5169

Page ____ of ____

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP. FAIR LAWN, NJ

EPA ID NO.: NJD 004 3612 0519

1991 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): WASTE ARSENIC TRIOXIDE SOLUTION

B. EPA hazardous waste code (Page 15): D0012 D0107

C. State hazardous waste code (Page 15): NA

D. SIC code (Page 16): 2869

E. Origin code (Page 16): 1 — System type: M NA

F. Source code (Page 17): A 57

G. Point of measurement (Page 17): 1

H. Form code (Page 17): B 1105

I. RCRA-radioactive mixed (Page 17): 2

J. Reported TRI constituent (Page 18): 2

K. CAS numbers (Page 18): 1. 2. 3. NA 4. 5.

Sec. II

A. Quantity generated in 1990 (Instruction Page 18): DK

B. Quantity generated in 1991 (Page 18): 120099.9

C. UOM (Page 19): 1 — Density: NA ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☐ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1

On-site system type (Page 19): M

Quantity treated, disposed or recycled on site in 1991:

ON-SITE SYSTEM 2

On-site system type (Page 19): M

Quantity treated, disposed or recycled on site in 1991:

Sec. III

A. Was any of this waste shipped off site in 1991? (Instruction Page 20)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1991 (Page 21)
Site 1	NJD 980 536 593	M 141	1	120199.9
Site 2	NA	M		

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? (Instruction Page 22)
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1991 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1991 Source reduction quantity (Page 24)
W W W W	☐ 1 Yes ☐ 2 No			

Comments: I-D) Also 2899, 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC FAIR LAWN, NJ

EPA ID NO.: NJD 004 362 059

1991 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): WASTE MECURIC IODINE SOLUTION

B. EPA hazardous waste code (Page 15): D009 NA

C. State hazardous waste code (Page 15): NA

D. SIC code (Page 16): 2869

E. Origin code (Page 16): 1 — System type: M NA

F. Source code (Page 17): A 57

G. Point of measurement (Page 17): U

H. Form code (Page 17): B 1113

I. RCRA-radioactive mixed (Page 17): 2

J. Reported TRI constituent (Page 18): 2

K. CAS numbers (Page 18): 1. 2. 3. NA 4. 5.

Sec. II

A. Quantity generated in 1990 (Instruction Page 18): DK

B. Quantity generated in 1991 (Page 18): 12009

C. UOM (Page 19): 1 — Density: NA ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☐ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1

On-site system type (Page 19): M

Quantity treated, disposed or recycled on site in 1991:

ON-SITE SYSTEM 2

On-site system type (Page 19): M

Quantity treated, disposed or recycled on site in 1991:

Sec. III

A. Was any of this waste shipped off site in 1991? (Instruction Page 20)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1991 (Page 21)
Site 1	NJD 980 536 593	M 141	1	12009.0
Site 2	NA	M		

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? (Instruction Page 22)
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1991 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1991 Source reduction quantity (Page 24)
W W W W	☐ 1 Yes ☐ 2 No			

Comments: ID.: Also 2899, 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP. FAIR LAWN, NJ

EPA ID NO.: NJD 004 362 059

1991 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): SPENT FILTERS

B. EPA hazardous waste code (Page 15): D001 U151 U210 U239 NA

C. State hazardous waste code (Page 15): NA

D. SIC code (Page 16)	E. Origin code (Page 16) / System type	F. Source code (Page 17)	G. Point of measurement (Page 17)	H. Form code (Page 17)	I. RCRA-radioactive mixed (Page 17)
2869	1 / M NA	A 32	1	B 31 10	2

J. Reported TRI constituent (Page 18):

K. CAS numbers (Page 18): 1. 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1990 (Instruction Page 18)	B. Quantity generated in 1991 (Page 18)	C. UOM (Page 19) / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19)
	6000.0	1 / NA .	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)
		☐ 1 lbs/gal ☐ 2 sg	

ON-SITE SYSTEM 1

On-site system type (Page 19): M

Quantity treated, disposed or recycled on site in 1991:

ON-SITE SYSTEM 2

On-site system type (Page 19): M

Quantity treated, disposed or recycled on site in 1991:

Sec. III

A. Was any of this waste shipped off site in 1991? (Instruction Page 20) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1991 (Page 21)
Site 1	NJD 980 536 593	M 141	1	6000.0
Site 2	NA	M		

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? (Instruction Page 22) ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1991 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1991 Source reduction quantity (Page 24)
W W W W	☐ 1 Yes ☐ 2 No		.	.

Comments: I-D) ALSO: 2899, 5169

BEFORE COPYING FORM, ENTER:

SITE NAME FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO. NJD 004 362 059

FORM **GM**

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: CHLORINATED SOLVENT DISTILLATION RESIDUES

B. EPA hazardous waste code Page 15: U080 U044

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 System type: M NA

F. Source code Page 17: A 33

G. Point of measurement Page 17: 1

H. Form code Page 17: B 601

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 3

K. CAS numbers Page 18: 1. 00067-66-3 2. 00075-09-2 3. - - 4. - - 5. - -

Sec. II

A. Quantity generated in 1990 Instruction Page 18: .

B. Quantity generated in 1991 Page 18: 2490.0

C. UOM Page 19: 5 Density: 1.2 ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: .

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: .

Sec. III

A. Was any of this waste shipped off site in 1991? Instruction Page 20
☐ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1991 Page 21
Site 1	MAD 053 452 637	M 141	1	2330.0
Site 2	NJD 002 454 544	M 061	1	160.0

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22: W W W W

C. Other effects Page 22: ☐ 1 Yes ☐ 2 No

D. Quantity recycled in 1991 due to new activities Page 23: .

E. Activity/production index Page 23: .

F. 1991 Source reduction quantity Page 24: .

Comments: I-D) 2899, 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): MIXED FLAMMABLE SOLVENTS DISTILLATION RESIDUE

B. EPA hazardous waste code (Page 15): D001 U002 U003 U056 U112

C. State hazardous waste code (Page 15): NA

D. SIC code (Page 16): 2869

E. Origin code (Page 16): 1 — System type: M MA

F. Source code (Page 17): A 33

G. Point of measurement (Page 17): 2

H. Form code (Page 17): B 602

I. RCRA-radioactive mixed (Page 17): 2

J. Reported TRI constituent (Page 18): 3

K. CAS numbers (Page 18): 1. 00067-64-1 2. 00075-05-8 3. 00110-82-7 4. 00067-56-1 5. ___-__-__

Sec. II

A. Quantity generated in 1990 (Instruction Page 18): 53062.0

B. Quantity generated in 1991 (Page 18): 30109.0

C. UOM (Page 19): 5 — Density: 0.9 ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type (Page 19): M
Quantity treated, disposed or recycled on site in 1991: ___.__

ON-SITE SYSTEM 2
On-site system type (Page 19): M
Quantity treated, disposed or recycled on site in 1991: ___.__

Sec. III

A. Was any of this waste shipped off site in 1991? (Instruction Page 20)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1991 (Page 21)
Site 1	MAD 053 452 637	M 141	1	7420.0
Site 2	NJD 002 454 544	M 061	1	22689.0

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? (Instruction Page 22)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1991 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1991 Source reduction quantity (Page 24)
W51 W__ W__ W__	☐ 1 Yes ☒ 2 No	DK.	NA.	DK.

Comments: I-B) U154, U220, U213, U196;

Page ____ of ____

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJ | 0 | 0 | 4 | 3 | 6 | 2 | 0 | 5 | 9

1991 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): MECURIC NITRATE SOL'N RINSE

B. EPA hazardous waste code (Page 15): D | 0 | 0 | 1 | 2 | D | 0 | 0 | 1 | 9

C. State hazardous waste code (Page 15): NA

D. SIC code (Page 16): 2869

E. Origin code (Page 16): 1 — System type: M | MA

F. Source code (Page 17): A | 0 | 9

G. Point of measurement (Page 17): 1

H. Form code (Page 17): B | 1 | 1 | 0

I. RCRA-radioactive mixed (Page 17): 2

J. Reported TRI constituent (Page 18): 2

K. CAS numbers (Page 18): 1. NA 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1990 (Instruction Page 18): DK.

B. Quantity generated in 1991 (Page 18): 55.0

C. UOM (Page 19): 5 — Density: 1.00 — ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type (Page 19): M
Quantity treated, disposed or recycled on site in 1991:

ON-SITE SYSTEM 2
On-site system type (Page 19): M
Quantity treated, disposed or recycled on site in 1991:

Sec. III

A. Was any of this waste shipped off site in 1991? (Instruction Page 20)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1991 (Page 21)
Site 1	M A D 0 5 3 4 5 2 6 3 7	M 1 4 1	1	55.0
Site 2		M		

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? (Instruction Page 22)
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1991 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1991 Source reduction quantity (Page 24)
W W W W	☐ 1 Yes ☐ 2 No			

Comments: I-D) 2899, 25169

Page ____ of ____

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP FAIR LAWN NJ

EPA ID NO.: NJD 004 362 057

FORM **GM**

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): SODIUM HYPOCHLORITE SOL'N RINSE

B. EPA hazardous waste code (Page 15): D002

C. State hazardous waste code (Page 15): NA

D. SIC code (Page 16): 2869

E. Origin code (Page 16): 1 — System type: M1 M9

F. Source code (Page 17): A09

G. Point of measurement (Page 17): 1

H. Form code (Page 17): B1 1 10

I. RCRA-radioactive mixed (Page 17): 2

J. Reported TRI constituent (Page 18): 2

K. CAS numbers (Page 18): 1. 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1990 (Instruction Page 18): DK.

B. Quantity generated in 1991 (Page 18): 5750.0

C. UOM (Page 19): 5 — Density: 1.05 — ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19)
☒ 1 Yes (CONTINUE TO SYSTEM 1)
☐ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1

On-site system type (Page 19): M1 T1 1

Quantity treated, disposed or recycled on site in 1991: 300.

ON-SITE SYSTEM 2

On-site system type (Page 19): M1

Quantity treated, disposed or recycled on site in 1991:

Sec. III

A. Was any of this waste shipped off site in 1991? (Instruction Page 20)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1991 (Page 21)
Site 1	MAD 053 452 637	M1 T1 1	1	275.0
Site 2		M1		

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? (Instruction Page 22)
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1991 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1991 Source reduction quantity (Page 24)
W1 W1 W1 W1	☐ 1 Yes ☐ 2 No			

Comments: I-D) 2899, 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP. FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: WASTE CALCIUM OXIDE SOL'N

B. EPA hazardous waste code Page 15: D002

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 — System type: M NA

F. Source code Page 17: A 09

G. Point of measurement Page 17: 1

H. Form code Page 17: B 110

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 2

K. CAS numbers Page 18: 1. NA 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1990 Instruction Page 18: DK.

B. Quantity generated in 1991 Page 18: 55.0

C. UOM Page 19: 5 — Density: 1.1 — ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: .

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: .

Sec. III

A. Was any of this waste shipped off site in 1991? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1991 Page 21
Site 1	MAD 053 452 637	M 141	1	55.0
Site 2		M		.

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1991 due to new activities Page 23	E. Activity/production index Page 23	F. 1991 Source reduction quantity Page 24
W W W W	☐ 1 Yes ☐ 2 No	.	.	.

Comments: I-D) 2899, 5169

Page ____ of ____

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: MJD 004 362 059

FORM **GM**

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: PYRIDINE STILL RESIDUE

B. EPA hazardous waste code Page 15: D001 D039

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 — System type: M NA

F. Source code Page 17: A 33

G. Point of measurement Page 17: 1

H. Form code Page 17: B 602

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 2

K. CAS numbers Page 18: 1. NA 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1990 Instruction Page 18: DK.

B. Quantity generated in 1991 Page 18: 55.0

C. UOM Page 19: 5 — Density: 1.10 ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: .

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: .

Sec. III

A. Was any of this waste shipped off site in 1991? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1991 Page 21
Site 1	MAD 053 452 637	M 141	1	55.0
Site 2		M		.

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1991 due to new activities Page 23	E. Activity/production index Page 23	F. 1991 Source reduction quantity Page 24
W W W W	☐ 1 Yes ☐ 2 No	.	.	.

Comments: I-D) Also 2899, 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 0014 3612 0519

FORM **GM**

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): MERCURIC IODIDE SOL'N RINSE

B. EPA hazardous waste code (Page 15): D010 D0109

C. State hazardous waste code (Page 15): NA

D. SIC code (Page 16): 2869

E. Origin code (Page 16): [ ]
System type: M NA

F. Source code (Page 17): A09

G. Point of measurement (Page 17): [ ]

H. Form code (Page 17): B 1016

I. RCRA-radioactive mixed (Page 17): 2

J. Reported TRI constituent (Page 18): 2

K. CAS numbers (Page 18): 1. NA 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1990 (Instruction Page 18): DK

B. Quantity generated in 1991 (Page 18): 11.19

C. UOM (Page 19): 5 Density: 11.99 ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type (Page 19): M
Quantity treated, disposed or recycled on site in 1991:

ON-SITE SYSTEM 2
On-site system type (Page 19): M
Quantity treated, disposed or recycled on site in 1991:

Sec. III

A. Was any of this waste shipped off site in 1991? (Instruction Page 20)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1991 (Page 21)
Site 1	MAD 0153 4512 6317	M	1	110.0
Site 2		M		

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? (Instruction Page 22)
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1991 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1991 Source reduction quantity (Page 24)
W W W W	☐ 1 Yes ☐ 2 No			

Comments: I-D) Also 2899, 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 004 362 959

FORM **GM**

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: CLEANING SOLUTION RINSE

B. EPA hazardous waste code Page 15: D002 D007

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 — System type: M NA

F. Source code Page 17: A 09

G. Point of measurement Page 17: 1

H. Form code Page 17: B 105

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 3

K. CAS numbers Page 18: 1. 7664-93-9 2. NA 3. 4. 5.

Sec. II

A. Quantity generated in 1990 Instruction Page 18: DK.

B. Quantity generated in 1991 Page 18: 490.0

C. UOM Page 19: G — Density: 1.15 ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: .

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: .

Sec. III

A. Was any of this waste shipped off site in 1991? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1991 Page 21
1	MAD 053 452 637	M 141	1	380.0
2		M		.

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1991 due to new activities Page 23	E. Activity/production index Page 23	F. 1991 Source reduction quantity Page 24
W W W W	☐ 1 Yes ☐ 2 No	.	.	.

Comments: I-D) Also 2899, 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP FAIR LAWN NJ

EPA ID NO.: NJD 010 413 612 059

FORM **GM**

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): PHENOL SOLUTION RINSE

B. EPA hazardous waste code (Page 15): U188

C. State hazardous waste code (Page 15): NA

D. SIC code (Page 16): 2869

E. Origin code (Page 16): 1 — System type: MI MA

F. Source code (Page 17): A099

G. Point of measurement (Page 17): U

H. Form code (Page 17): B1102

I. RCRA-radioactive mixed (Page 17): 2

J. Reported TRI constituent (Page 18): 2

K. CAS numbers (Page 18): 1. NA 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1990 (Instruction Page 18): DK

B. Quantity generated in 1991 (Page 18): 2755.10

C. UOM (Page 19): 5 — Density: 1.000 — ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1

On-site system type (Page 19): MI

Quantity treated, disposed or recycled on site in 1991:

ON-SITE SYSTEM 2

On-site system type (Page 19): MI

Quantity treated, disposed or recycled on site in 1991:

Sec. III

A. Was any of this waste shipped off site in 1991? (Instruction Page 20)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1991 (Page 21)
Site 1	MIAD 015 341 512 637	MI	U	2755.10
Site 2		MI		

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? (Instruction Page 22)
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1991 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1991 Source reduction quantity (Page 24)
W W W W	☐ 1 Yes ☐ 2 No			

Comments: I-D) Also 2899, 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 004 312 959

1991 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description — Instruction Page 15: OLEIC ACID SOLUTION RINSE

B. EPA hazardous waste code — Page 15: D002

C. State hazardous waste code — Page 15: NA

D. SIC code — Page 16: 2869

E. Origin code — Page 16: 1 — System type: M/NA

F. Source code — Page 17: A09

G. Point of measurement — Page 17: 1

H. Form code — Page 17: B/105

I. RCRA-radioactive mixed — Page 17: 2

J. Reported TRI constituent — Page 18: 2

K. CAS numbers — Page 18: 1. NA

Sec. II

A. Quantity generated in 1990 — Instruction Page 18: DK

B. Quantity generated in 1991 — Page 18: 695.19

C. UOM — Page 19: 5 — Density: 14.00 — ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? — Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type — Page 19:
Quantity treated, disposed or recycled on site in 1991:

ON-SITE SYSTEM 2
On-site system type — Page 19:
Quantity treated, disposed or recycled on site in 1991:

Sec. III

A. Was any of this waste shipped off site in 1991? — Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to — Page 20	C. System type shipped to — Page 20	D. Off-site availability code — Page 21	E. Total quantity shipped in 1991 — Page 21
Site 1	MAD 053 452 637	M/4/1	1	695.19
Site 2		M		

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? — Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity — Page 22	C. Other effects — Page 22	D. Quantity recycled in 1991 due to new activities — Page 23	E. Activity/production index — Page 23	F. 1991 Source reduction quantity — Page 24
W W W W	☐ 1 Yes ☐ 2 No			

Comments: I-D) Also 2899, 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 094 362 959

1991 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): WASTE SODIUM SULFIDE SOLN RINSE

B. EPA hazardous waste code (Page 15): D003 D002

C. State hazardous waste code (Page 15): NA

D. SIC code (Page 16): 28619

E. Origin code (Page 16): 1 — System type: M NA

F. Source code (Page 17): A 09

G. Point of measurement (Page 17): 1

H. Form code (Page 17): B 1 1 1

I. RCRA-radioactive mixed (Page 17): 2

J. Reported TRI constituent (Page 18): 2

K. CAS numbers (Page 18): 1. 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1990 (Instruction Page 18): DK

B. Quantity generated in 1991 (Page 18): 825.0

C. UOM (Page 19): 5 — Density: 1.05 — ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type (Page 19): M
Quantity treated, disposed or recycled on site in 1991:

ON-SITE SYSTEM 2
On-site system type (Page 19): M
Quantity treated, disposed or recycled on site in 1991:

Sec. III

A. Was any of this waste shipped off site in 1991? (Instruction Page 20)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1991 (Page 21)
Site 1	MAD 053 452 6317	M 1 4 1	1	825.0
Site 2		M		

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? (Instruction Page 22)
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1991 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1991 Source reduction quantity (Page 24)
W W W W	☐ 1 Yes ☐ 2 No			

Comments: I-D) Also 2899, 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: FORMALDEHYDE AND METHANOL SOLUTION RINSES

B. EPA hazardous waste code Page 15: U122 U154

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 System type: M NA

F. Source code Page 17: A 09

G. Point of measurement Page 17: 1

H. Form code Page 17: B 101

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 3

K. CAS numbers Page 18: 1. 00067-56-1 2. NA 3. 4. 5.

Sec. II

A. Quantity generated in 1990 Instruction Page 18: DK.

B. Quantity generated in 1991 Page 18: 1200.0

C. UOM Page 19: 5 Density: 1.00 ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☒ 1 Yes (CONTINUE TO SYSTEM 1)
☐ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M 135
Quantity treated, disposed or recycled on site in 1991: 705.0

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: .

Sec. III

A. Was any of this waste shipped off site in 1991? Instruction Page 20
☐ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1991 Page 21
Site 1	MAD 053 452 637	M 141	1	495.0
Site 2		M		.

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1991 due to new activities Page 23	E. Activity/production index Page 23	F. 1991 Source reduction quantity Page 24
W W W W	☐ 1 Yes ☐ 2 No	.	.	.

Comments: I-D) Also 2899, 5169

Page ____ of ____

BEFORE COPYING FORM, ENTER:

SITE NAME FISHER SCIENTIFIC COM
FAIR LAWN NJ

EPA ID NO. NJD 004 362 059

FORM **GM**

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: WASTE ISOPROPANOL

B. EPA hazardous waste code Page 15: D001

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 System type: M NA

F. Source code Page 17: A 09

G. Point of measurement Page 17: 1

H. Form code Page 17: B 601

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 2

K. CAS numbers Page 18: 1. NA 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1990 Instruction Page 18: DK.

B. Quantity generated in 1991 Page 18: 1045.0

C. UOM Page 19: 5 Density: 0.88 ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: .

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: .

Sec. III

A. Was any of this waste shipped off site in 1991? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1991 Page 21
Site 1	MAD 053 452 637	M 141	1	1045.0
Site 2		M		.

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22: W W W W

C. Other effects Page 22: ☐ 1 Yes ☐ 2 No

D. Quantity recycled in 1991 due to new activities Page 23: .

E. Activity/production index Page 23: .

F. 1991 Source reduction quantity Page 24: .

Comments: I-D) Also 2899, 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO. NJD 010431612 0159

FORM GM

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: PHENYL ARSENIC SOLUTION RINSE

B. EPA hazardous waste code Page 15	C. State hazardous waste code Page 15
D010	NA

D. SIC code Page 16	E. Origin code / System type Page 16	F. Source code Page 17	G. Point of measurement Page 17	H. Form code Page 17	I. RCRA-radioactive mixed Page 17
2819	/ MNA	A09	/	B/1/14	2

J. Reported TRI constituent Page 18	K. CAS numbers Page 18
2	1. 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1990 Instruction Page 18	B. Quantity generated in 1991 Page 18	C. UOM Page 19 / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
DK.	515.0	5 / 1.09 ☐ 1 lbs/gal ☒ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1		ON-SITE SYSTEM 2	
On-site system type Page 19	Quantity treated, disposed or recycled on site in 1991	On-site system type Page 19	Quantity treated, disposed or recycled on site in 1991
M		M	

Sec. III

A. Was any of this waste shipped off site in 1991? Instruction Page 20 ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1991 Page 21
Site 1	MAD 0151 3151 2137	M/H/	/	515.0
Site 2		M		

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? Instruction Page 22 ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1991 due to new activities Page 23	E. Activity/production index Page 23	F. 1991 Source reduction quantity Page 24
W W W W	☐ 1 Yes ☐ 2 No			

Comments: I-D/ Also 2899, 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

1991 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): SPENT CARBON W/ ACETONITRILE

B. EPA hazardous waste code (Page 15): U210 D001

C. State hazardous waste code (Page 15): MA

D. SIC code (Page 16): 2869

E. Origin code (Page 16): 1 — System type: M.MA

F. Source code (Page 17): A18

G. Point of measurement (Page 17): 1

H. Form code (Page 17): B4104

I. RCRA-radioactive mixed (Page 17): 2

J. Reported TRI constituent (Page 18): 3

K. CAS numbers (Page 18): 1. 000075-05-8 2. NA 3. 4. 5.

Sec. II

A. Quantity generated in 1990 (Instruction Page 18): PK.

B. Quantity generated in 1991 (Page 18): 34005.0

C. UOM (Page 19): 1 — Density: MA. ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☐ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type (Page 19): M
Quantity treated, disposed or recycled on site in 1991:

ON-SITE SYSTEM 2
On-site system type (Page 19): M
Quantity treated, disposed or recycled on site in 1991:

Sec. III

A. Was any of this waste shipped off site in 1991? (Instruction Page 20)
☐ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1991 (Page 21)
Site 1	MAD 053 452 637	M/4/1	1	26005.0
Site 2	NJD 980 536 593	M/4/1	1	8000.0

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? (Instruction Page 22)
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1991 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1991 Source reduction quantity (Page 24)
W W W W	☐ 1 Yes ☐ 2 No			

Comments: I-D) Also 2899, 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: SPENT CAUSTIC WITH FREON

B. EPA hazardous waste code Page 15: D002

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 — System type: M NA

F. Source code Page 17: A 09

G. Point of measurement Page 17: 1

H. Form code Page 17: B 109

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 2

K. CAS numbers Page 18: 1. ___-__-__ 2. ___-__-__ 3. ___-__-__ 4. ___-__-__ 5. ___-__-__

Sec. II

A. Quantity generated in 1990 Instruction Page 18: DK.

B. Quantity generated in 1991 Page 18: 65.0

C. UOM Page 19: 5 — Density: 1.20 — ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: ___.__

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: ___.__

Sec. III

A. Was any of this waste shipped off site in 1991? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1991 Page 21
Site 1	MAD 053 452 637	M		65.0
Site 2		M		

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22: W W W W

C. Other effects Page 22: ☐ 1 Yes ☐ 2 No

D. Quantity recycled in 1991 due to new activities Page 23: ___.__

E. Activity/production index Page 23: __.__

F. 1991 Source reduction quantity Page 24: ___.__

Comments: F-D) Also 2899, 5169

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: CLEAN-OUTS OF ACETONITRILE STILLS

B. EPA hazardous waste code Page 15: U003

C. State hazardous waste code Page 15: NA

D. SIC code Page 16: 2869

E. Origin code Page 16: 1 — System type: M NA

F. Source code Page 17: A 09

G. Point of measurement Page 17: 1

H. Form code Page 17: B 201

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 2

K. CAS numbers Page 18: 1. 00075-05-8 2. NA 3. 4. 5.

Sec. II

A. Quantity generated in 1990 Instruction Page 18: DK.

B. Quantity generated in 1991 Page 18: 63964.0

C. UOM Page 19: 5 — Density: 1.00 ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☒ 1 Yes (CONTINUE TO SYSTEM 1)
☐ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M 135
Quantity treated, disposed or recycled on site in 1991: 40000.

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: .

Sec. III

A. Was any of this waste shipped off site in 1991? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1991 Page 21
Site 1	MAD 053 452 637	M 141	1	23964.0
Site 2		M		.

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1991 due to new activities Page 23	E. Activity/production index Page 23	F. 1991 Source reduction quantity Page 24
W 71 W W W	☒ 1 Yes ☐ 2 No	89.	DK.	11000.0

Comments: I-D) Also 2899, 5169 IV-B) Reduced volume of rinsewater

Page ____ of ____

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

FORM GM

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): RINSES CONTAINING SILVER SALTS

B. EPA hazardous waste code (Page 15): D011

C. State hazardous waste code (Page 15): NA

D. SIC code (Page 16): 2869

E. Origin code (Page 16): 1 — System type: MI NA

F. Source code (Page 17): A09

G. Point of measurement (Page 17): 1

H. Form code (Page 17): B1/4

I. RCRA-radioactive mixed (Page 17): 2

J. Reported TRI constituent (Page 18): 2

K. CAS numbers (Page 18): 1. NA 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1990 (Instruction Page 18): DK.

B. Quantity generated in 1991 (Page 18): 13510.0

C. UOM (Page 19): 5 — Density: 1.00 — ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19): ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1

On-site system type (Page 19): M135

Quantity treated, disposed or recycled on site in 1991: 800.0

ON-SITE SYSTEM 2

On-site system type (Page 19): MI

Quantity treated, disposed or recycled on site in 1991:

Sec. III

A. Was any of this waste shipped off site in 1991? (Instruction Page 20) ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1991 (Page 21)
Site 1	MAD 053 452 637	MI141	U	5510.0
Site 2		MI		

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? (Instruction Page 22) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1991 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1991 Source reduction quantity (Page 24)
W171 W W W W	☒ 1 Yes ☐ 2 No	0.	MK.	DK.

Comments: I-D) ALSO 2899, 5169 III-B) REDUCED VOLUME OF RINSEWATER USED

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

FORM **GM**

1991 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: SPENT COMPRESSOR OIL

B. EPA hazardous waste code Page 15: NA

C. State hazardous waste code Page 15: X726

D. SIC code Page 16: 2869

E. Origin code Page 16: 1
System type: M NA

F. Source code Page 17: A 54

G. Point of measurement Page 17: 1

H. Form code Page 17: B 205

I. RCRA-radioactive mixed Page 17: 2

J. Reported TRI constituent Page 18: 2

K. CAS numbers Page 18: 1. NA 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1990 Instruction Page 18: DK.

B. Quantity generated in 1991 Page 18: 800.0

C. UOM Page 19: 5 Density: 0.95 ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 19
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: .

ON-SITE SYSTEM 2
On-site system type Page 19: M
Quantity treated, disposed or recycled on site in 1991: .

Sec. III

A. Was any of this waste shipped off site in 1991? Instruction Page 20
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to Page 20	C. System type shipped to Page 20	D. Off-site availability code Page 21	E. Total quantity shipped in 1991 Page 21
Site 1	MAD 053 452 637	M 141	1	700.0
Site 2	NJD 980 536 593	M 141	1	100.0

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? Instruction Page 22
☐ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 22	C. Other effects Page 22	D. Quantity recycled in 1991 due to new activities Page 23	E. Activity/production index Page 23	F. 1991 Source reduction quantity Page 24
W W W W	☐ 1 Yes ☐ 2 No	.	.	.

Comments: 1-D) Also 2899, 5169

Page ____ of ____

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 0014 3612 0519

1991 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): LAB RINSES

B. EPA hazardous waste code (Page 15): D002

C. State hazardous waste code (Page 15): NA

D. SIC code (Page 16): 2869

E. Origin code (Page 16): 1 — System type: MINA

F. Source code (Page 17): A519

G. Point of measurement (Page 17): 1

H. Form code (Page 17): B1105

I. RCRA-radioactive mixed (Page 17): 2

J. Reported TRI constituent (Page 18): 3

K. CAS numbers (Page 18): 1. 07647-01-0 2. 07664-38-2 3. 07664-93-9 4. NA 5.

Sec. II

A. Quantity generated in 1990 (Instruction Page 18): DK

B. Quantity generated in 1991 (Page 18): 150001

C. UOM (Page 19): 5 — Density: 11.010 — ☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19): ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1

On-site system type (Page 19): MI121

Quantity treated, disposed or recycled on site in 1991: 90100.0

ON-SITE SYSTEM 2

On-site system type (Page 19): MINA

Quantity treated, disposed or recycled on site in 1991:

Sec. III

A. Was any of this waste shipped off site in 1991? (Instruction Page 20) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1991 (Page 21)
Site 1	MAD 0513 4512 6317	MI141	1	15944.5
Site 2		MI		

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? (Instruction Page 22) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1991 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1991 Source reduction quantity (Page 24)
W71 WI WI WI	☐ 1 Yes ☒ 2 No	NA	NA	60000.0

Comments: I-D) Also 2899, 5169 I-H) Also B110 IV-B) REDUCED VOLUME OF RINSE USED

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP FAIR LAWN NJ

EPA ID NO.: NJD 0 0 1 4 3 6 2 0 5 9

1991 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 13 of the 1991 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): ACID SOLUTION RINSES

B. EPA hazardous waste code (Page 15): D002

C. State hazardous waste code (Page 15): NA

D. SIC code (Page 18): 2869

E. Origin code (Page 18): 1 — System type: M NA

F. Source code (Page 17): A09

G. Point of measurement (Page 17): 1

H. Form code (Page 17): B

I. RCRA-radioactive mixed (Page 17):

J. Reported TRI constituent (Page 18): 3

K. CAS numbers (Page 18): 1. 07647-01-0 2. 007664-38-2 3. 007664-93-9 4. 5.

Sec. II

A. Quantity generated in 1990 (Instruction Page 18): DK

B. Quantity generated in 1991 (Page 18): 11890.0

C. UOM (Page 19): 5 — Density: 1.1 — 1 lbs/gal 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (Page 19)
- [X] 1 Yes (CONTINUE TO SYSTEM 1)
- [ ] 2 No (SKIP TO SEC. III)

ON-SITE SYSTEM 1

On-site system type (Page 19): M135

Quantity treated, disposed or recycled on site in 1991: 7000.

ON-SITE SYSTEM 2

On-site system type (Page 19): M

Quantity treated, disposed or recycled on site in 1991:

Sec. III

A. Was any of this waste shipped off site in 1991? (Instruction Page 20)
- [X] 1 Yes (CONTINUE TO BOX B)
- [ ] 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility waste was shipped to (Page 20)	C. System type shipped to (Page 20)	D. Off-site availability code (Page 21)	E. Total quantity shipped in 1991 (Page 21)
Site 1	MAD 053 452 637	M141	1	11890.0
Site 2		M		

Sec. IV

A. Did new activities in 1991 result in minimization of this waste? (Instruction Page 22)
- [ ] 1 Yes (CONTINUE TO BOX B)
- [X] 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 22)	C. Other effects (Page 22)	D. Quantity recycled in 1991 due to new activities (Page 23)	E. Activity/production index (Page 23)	F. 1991 Source reduction quantity (Page 24)
W W W W	1 Yes 2 No			

Comments: I-D) 2899, & 5169

MANIFESTS - JANUARY 1991

Manifest No.	Generator-Shipment Date	TSD Date	Letter Date	Packing Slip(s)
IL4081775	1/14/91	1/18/91	1/15/91	NO
IL4349222	1/31/91	2/7/91	2/7/91	YES
IL4349247	1/31/91	2/7/91	2/7/91	YES
IL4349248	1/31/91	2/7/91	2/7/91	YES
IL4349253	1/31/91	2/7/91	2/7/91	YES
IL4349215	1/31/91	2/7/91	2/7/91	YES
IL4349249	1/31/91	2/7/91	2/7/91	YES

MANIFESTS - MARCH 1991

Manifest No.	Generator-Shipment Date	TSD Date	Letter Date	Packing Slip(s)
NJA0839089	3/8/91	3/11/91	3/11/91	N/A
NJA1040963	3/12/91	3/14/91	3/12/91	N/A
IL4448902	3/12/91	3/20/91	3/15/91	YES
IL4448903	3/12/91	3/20/91	3/15/91	YES
IL4448904	3/12/91	3/20/91	3/15/91	YES
IL4448905	3/12/91	3/20/91	3/15/91	YES
IL4448907	3/12/91	3/20/91	3/15/91	YES

MANIFESTS-APRIL

MANIFEST NO.	GENERATOR/ SHIPMENT DATE	RECEIVED COPY TSD DATE	OUTGOING LETTER DATE	PACKING SLIP (s)
NJA 1040957	4/22/91	4/24/91	4/24/91	NO
NJA 0945091	4/01/91	4/03/91	4/02/91	YES

MANIFESTS - MAY

Manifest No.	Generator/ Shipment Date	Received Copy TSD Date	Outgoing Letter Date	Packing Slip(s)
NJA 1040959	5/15/91	5/17/91	5/20/91	N/A
NJA 1155706	5/15/91	5/17/91	5/20/91	YES
IL4448910	5/22/91	5/31/91	5/27/91	YES
IL 3512029	5/21/91	5/31/91	5/27/91	YES
IL 3512023	5/21/91	6/6/91	5/27/91	YES
IL 3512021	5/21/91	6/6/91	5/27/91	YES
IL 3512022	5/21/91	6/6/91	5/27/91	YES
CWMA 624988	5/22/91	6/3/91	5/27/91	N/A NON-REGULATED
IL 3512024	5/21/91	6/6/91	5/27/91	N/A NON-REGULATED

MANIFESTS - JUNE

Manifest No.	Generator/ Shipment Date	Received TSD Date	Outgoing Letter Date	Packing Slip(s)
NJA 1040961	6/21/91	6/25/91	6/25/91	N/A
IL 3512027	6/20/91	7/3/91	7/3/91	YES
IL 4448908	6/20/91	7/3/91	7/3/91	YES
IL 3512026	6/28/91	7/3/91	7/3/91	YES
IL 3512040	6/28/91	7/3/91	7/3/91	YES

MANIFEST

MANIFEST NUMBER	GENERATOR - SHIPMENT DATE	TSD DATE	LETTER DATE	PACKING SLIP(S)	LAND BAN
NJA1040949	7/17/91	7/17/91	7/22/91	N/A	YES
NJA1040960	7/11/91	7/11/91	7/15/91	N/A	YES
NJA1164780	7/30/91	7/30/91	7/31/91	N/A	YES
IL3512167	7/12/91	7/24/91	7/15/91	YES	YES
IL3512170	7/12/91	7/24/91	7/17/91	YES	N/A
IL3512174	7/12/91	7/24/91	7/15/91	YES	YES
IL3512176	7/12/91	7/24/91	7/15/91	YES	YES
IL3512198	7/26/91	7/29/91	7/31/91	YES	YES
IL3512197	7/26/91	7/29/91	7/31/91	YES	N/A
IL3512199	7/26/91	7/29/91	7/31/91	YES	YES
IL3512200	7/26/91	7/29/91	7/31/91	YES	YES
IL4349402	7/19/91	7/29/91	7/22/91	YES	YES
IL4349403	7/19/91	7/29/91	7/24/91	YES	YES
IL4349404	7/19/91	7/29/91	7/22/91	YES	YES
IL4349418	7/3/91	7/11/91	7/8/91	YES	YES
IL4349419	7/3/91	7/11/91	7/8/91	YES	Ltr/Rev. No L.B. needed
IL4349420	7/3/91	7/11/91	7/8/91	YES	YES
IL4448909	7/19/91	7/29/91	7/22/91	YES	Ltr/Rev. No L.B. needed
MAF318240	7/3/91	7/3/91	7/9/91	N/A	YES
MAF318249	7/3/91	7/8/91	7/9/91	N/A	YES
MAF318232	7/10/91	7/11/91	7/15/91	N/A	YES
MAF318246	7/3/91	7/8/91	7/9/91	N/A	YES
MAF318247	7/3/91	7/8/91	7/9/91	N/A	YES
MAF318248	7/3/91	7/8/91	7/9/91	N/A	YES
MAF318250	7/10/91	7/11/91	7/15/91	N/A	YES
MAF347886	7/16/91	7/18/91	7/16/91	N/A	YES
MAF347895	7/3/91	7/19/91	7/9/91	N/A	YES
MAF347893	7/3/91	7/19/91	7/9/91	N/A	YES

MANIFESTS - AUGUST, 1991 Page (1) of (2)

Manifest No.	Generator-Shipment Date	TSD Date	Letter Date	Packing Slip(s)	LandBan
MAF347866	8/6/91	8/7/91	8/7/91	N/A	YES
MAF347868	8/6/91	8/7/91	8/7/91	N/A	YES
MAF347869	8/6/91	8/7/91	8/7/91	N/A	YES
IL3512181	8/9/91	8/26/91	8/14/91	YES	YES
IL3512182	8/9/91	8/26/91	8/14/91	YES	YES
IL3512183	8/9/91	8/26/91	8/14/91	YES	YES
IL351221	8/2/91	8/5/91	8/5/91	YES	YES
IL3512266	8/2/91	8/5/91	8/5/91	YES	YES
MAF339591	8/15/91	8/15/91	8/20/91	N/A	YES
MAF339592	8/15/91	8/15/91	8/20/91	N/A	YES
CWMA625081	8/20/91	8/26/91	8/25/91	N/A	N/A
PAC2566686	8/15/91	8/16/91	8/20/91	N/A	YES
IL3512168	8/16/91	8/19/91	8/21/91	YES	N/A
IL3512175	8/16/91	8/19/91	8/21/91	YES	YES
IL3512195	8/16/91	8/19/91	8/21/91	YES	N/A
IL3512196	8/16/91	8/19/91	8/21/91	YES	YES
MAF339599	8/26/91	8/27/91	8/26/91	N/A	YES
MAF339600	8/26/91	8/27/91	8/26/91	N/A	YES
CWMA571426	8/26/91	8/28/91	9/3/91	N/A	YES
CWMA571425	8/26/91	8/28/91	9/3/91	N/A	YES

Manifest No.	Generator-Shipment Date	TSD Date	Letter Date	Packing Slip(s)	LandBan
CWMA571424	8/26/91	8/28/91	9/3/91	N/A	YES
MAF347928	8/30/91	8/31/91	9/4/91	N/A	YES
CWMA571427	8/28/91	8/30/91	9/3/91	N/A	YES
CWMA571428	8/28/91	8/30/91	9/3/91	N/A	YES
CWMA571429	8/28/91	8/30/91	9/3/91	N/A	YES
MAF347926	8/30/91	8/31/91	9/4/91	N/A	YES
MAF347927	8/30/91	8/31/91	9/4/91	N/A	YES

MANIFESTS

September 1991

	Manifest No.	Shipment Date	TSD Date	Letter Date	Packing Slip(s)	Landi
	IL3512189	9/3/91	9/9/91	9/8/91	YES	YES
	IL3512190	9/3/91	9/9/91	9/8/91	YES	N/A
	IL3512191	9/3/91	9/9/91	9/8/91	YES	YES
	IL3512192	9/3/91	9/9/91	9/8/91	YES	YES
	IL3512193	9/3/91	9/9/91	9/8/91	YES	YES
	IL3512194	9/3/91	9/9/91	9/8/91	YES	YES
	CWMA571430	9/4/91	9/6/91	9/9/91	N/A	YES
	CWMA571431	9/10/91	9/12/91	9/19/91	N/A	YES
*	MAF347946	9/10/91	9/11/91	9/16/91	N/A	YES
*	MAF339593	9/10/91	9/14/91	9/16/91	N/A	YES
	14383	9/13/91	Non. Haz. Waste - No Letter Required		N/A	YES
	14386	9/13/91	Non Haz. Waste - No Letter Required		N/A	YES
	14387	9/13/91	Non Haz. Waste - No Letter Required		N/A	YES
*	IL3512059	9/13/91	9/17/91	9/16/91	YES	N/A
*	IL3512184	9/13/91	9/17/91	9/16/91	YES	YES
*	IL3512185	9/13/91	9/17/91	9/16/91	YES	YES
*	IL3512186	9/13/91	9/17/91	9/16/91	YES	YES
*	IL3512187	9/13/91	9/17/91	9/16/91	YES	YES
*	IL3512188	9/13/91	9/17/91	9/16/91	YES	YES
	15321	9/16/91	Non Haz. Waste - No Letter Required		N/A	YES
	15322	9/16/91	Non Haz. Waste - No Letter Required		N/A	YES
*	MAF347904	9/19/91	9/17/91	9/20/91	N/A	YES
	15323	9/17	Non Haz. Waste No Letter Required		N/A	yes

September 1991

MANIFESTS

Manifest No.	Shipment Date	TSD Date	Letter Date	Packing Slip(s)	Landfill
* IL4542554	9/26/91	10/11/91	10/1/91	Yes	YES
* IL4542553	9/26/91	10/11/91	10/1/91	Yes	YES
* IL4542552	9/26/91	10/11/91	10/1/91	YES	YES
* IL4542551	9/26/91	10/11/91	10/1/91	YES	YES
* MAF 3479 14	9/26/91	10/14/91	10/1/91	N/A	YES
* MAF 3479 15	9/26/91		10/1/91	N/A	YES
~~15787~~	~~10/10/91~~	~~No Letter Required~~			
~~15788~~	~~10/11/91~~	~~No Letter Required~~			

October 1991

MANIFESTS

Manifest No.	Shipment Date	TSD Date	Letter Date	Packing Slip(s)	Land
MAF347924	10/3/91	10/15/91	—	N/A	N/A
MAF 347923	10/3/91	10/15/91	—	N/A	YES
MAF 347919	10/3/91	10/15/91	—	N/A	YES
MAF347920	10/3/91	10/15/91	—	N/A	YE
MAF347955	10/7/91	10/15/91	—	N/A	YE
MAF347958	10/7/91	10/15/91		N/A	YE
MAF347957	10/7/91	10/15/91		N/A	YE
* IL3512060 ~~MAF347923~~	10/4/91	10/23/91		N/A	YE
* IL3512217	10/4/91	10/23/91		N/A	YE
* IL3512216	10/4/91	10/23/91		NA	YE
* IL3512218	10/4/91	10/21/91		N/A	YES
* MAF 347989	10/4/91	10/15/91		N/A	YES
MAF347917	10/4/91	10/21/91		N/A	YES
MAF347809	10/14/91	10/21/91		N/A	YES
MAF347810	10/14/91	10/21/91		N/A	YES
15787		10/10/91	No letter Required.		
15788		10/11/91	No letter Required		
IL4542612	10/22/91	11/18/91	YES		YES
IL4542613	10/22/91	11/15/91	YES		YES
IL4542614	10/22/91	11/18/91	YES		YES
MAF347962	10/23/91	11/4/91	N/A		YES
MAF347963	10/23/91	11/4/91	N/A		YES
CWMA624986		10/17/91	11/17/91	YES	N/A
CWMA625199		10/17/91	11/17/91	YES	N/A

NOVEMBER 1991

SHIPMENT		PS	LB	TSD
11/13/91	MAF347844	N/A	YES	11/22/91
11/13/91	MAF347845	N/A	YES	11/22/91
11/13/91	MAF347846	N/A	YES	11/22/91
11/19/91	MAF347918	N/A	YES	12/2/91
11/22/91	MAF347847	N/A	YES	12/2/91
11/22/91	MAF347905	N/A	YES	12/2/91

DECEMBER 1991

SHIPMENT		PS	LB	TSD
12/4/91	MAF373695	N/A	YES	12/17/91
12/4/91	MAF373696	N/A	YES	12/17/91
12/4/91	MAF373697	N/A	YES	12/17/91
12/11/91	MAF370407	YES	YES	12/16/91
12/17/91	MAF347960	N/A	YES	12/18/91
12/19/91	IL3512053	YES	N/A	12/23/91
12/19/91	IL3512220	YES	YES	1/2/92
12/19/91	IL3512010	YES	YES	1/2/92
12/19/91	IL4542615	YES	YES	1/2/92
12/30/91	15325 NON HAZ MANIFEST	N/A	N/A	N/A

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 000 362 059

1991 Hazardous Waste Report

FORM **WR**

WASTE RECEIVED FROM OFF SITE

INSTRUCTIONS: Read the detailed instructions beginning on page 29 of the 1991 Hazardous Waste Report booklet before completing this form.

Waste 1

A. Description of hazardous waste (Instruction Page 29): WASTE POTASSIUM HYDROXIDE SOLN

B. EPA hazardous waste code (Page 30): D002

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 14.0

F. UOM (Page 30): 5

Density: 1.12 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B110

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M121

J. Quantity in storage at end of 1991 (Page 31): 0

Waste 2

A. Description of hazardous waste (Instruction Page 29): WASTE NITRIC ACID

B. EPA hazardous waste code (Page 30): D002

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 5.9

F. UOM (Page 30): 5

Density: 1.50 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B105

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M121

J. Quantity in storage at end of 1991 (Page 31): 0

Waste 3

A. Description of hazardous waste (Instruction Page 29): WASTE AMMONIUM HYDROXIDE SOL'N

B. EPA hazardous waste code (Page 30): D002

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 145.0

F. UOM (Page 30): 5

Density: 1.02 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B110

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M121

J. Quantity in storage at end of 1991 (Page 31): 0

Comments:

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

1991 Hazardous Waste Report

FORM **WR**

WASTE RECEIVED FROM OFF SI

INSTRUCTIONS: Read the detailed instructions beginning on page 29 of the 1991 Hazardous Waste Report booklet before completing this form

Waste 1

A. Description of hazardous waste (Instruction Page 29): WASTE DIETHYLETHER

B. EPA hazardous waste code (Page 30): U117 D001

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 28.0

F. UOM (Page 30): 5

Density: 0.71 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B203

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 0-

Waste 2

A. Description of hazardous waste (Instruction Page 29): WASTE ALCHOLIC POTASSIUM ~~OH~~ HYDROXIDE

B. EPA hazardous waste code (Page 30): D001 D002

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 280.0

F. UOM (Page 30): 5

Density: 1.10 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B219

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 0-

Waste 3

A. Description of hazardous waste (Instruction Page 29): WASTE REDUCING SOLUTION WITH ACETIC ACID

B. EPA hazardous waste code (Page 30): D002

C. State hazardous waste code (Page 30):

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 204.0

F. UOM (Page 30): 5

Density: 1.0 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B105

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 0-

Comments: 2-G OFF-SPEC COMMERCIAL CHEMICAL PRODUCT

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

1991 Hazardous Waste Report

FORM **WR**

WASTE RECEIVED FROM OFF SITE

INSTRUCTIONS: Read the detailed instructions beginning on page 29 of the 1991 Hazardous Waste Report booklet before completing this form.

Waste 1

A. Description of hazardous waste (Instruction Page 29): WASTE PYRIDINE

B. EPA hazardous waste code (Page 30): U196 D001

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 61.0

F. UOM (Page 30): 5

Density: 9.98 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B293

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 0

Waste 2

A. Description of hazardous waste (Instruction Page 29): WASTE CARBON TETRACHLORIDE

B. EPA hazardous waste code (Page 30): U211

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 5.0

F. UOM (Page 30): 5

Density: 1.60 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B202

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 0

Waste 3

A. Description of hazardous waste (Instruction Page 29): WASTE ISOPROPANOL

B. EPA hazardous waste code (Page 30): D001

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 14.

F. UOM (Page 30): 5

Density: 9.79 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B219

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 0

Comments: 3-G) OFF-SPEC COMMERCIAL CHEMICAL PRODUCT

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 0014 3621 059

1991 Hazardous Waste Report

FORM **WR**

WASTE RECEIVED FROM OFF SITE

INSTRUCTIONS: Read the detailed instructions beginning on page 29 of the 1991 Hazardous Waste Report booklet before completing this form.

Waste 1

A. Description of hazardous waste (Instruction Page 29): WASTE PHOSPHORIC ACID

B. EPA hazardous waste code (Page 30): D002

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 75.0

F. UOM (Page 30): 5

Density: 1.86 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B105

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M121

J. Quantity in storage at end of 1991 (Page 31): 0

Waste 2

A. Description of hazardous waste (Instruction Page 29): WASTE XYLENE

B. EPA hazardous waste code (Page 30): U239 D001

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 14.0

F. UOM (Page 30): 5

Density: 0.86 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B203

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 0

Waste 3

A. Description of hazardous waste (Instruction Page 29): WASTE METHANOL

B. EPA hazardous waste code (Page 30): U154 D001

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 56.9

F. UOM (Page 30): 5

Density: 0.79 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B203

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 0

Comments:

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

1991 Hazardous Waste Report

FORM **WR**

WASTE RECEIVED FROM OFF SITE

INSTRUCTIONS: Read the detailed instructions beginning on page 29 of the 1991 Hazardous Waste Report booklet before completing this form.

Waste 1

A. Description of hazardous waste (Instruction Page 29): WASTE TOLUENE

B. EPA hazardous waste code (Page 30): U220 D001

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 33.0

F. UOM (Page 30): 5

Density: 0.87 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B203

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 0

Waste 2

A. Description of hazardous waste (Instruction Page 29): WASTE SILVER CHLORIDE

B. EPA hazardous waste code (Page 30): D011

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 10.

F. UOM (Page 30): 1

Density: NA ☐ 1 lbs/gal ☐ 2 sg

G. Waste form code (Page 31): B316

H. RCRA-radioactive mixed (Page 31):

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 0

Waste 3

A. Description of hazardous waste (Instruction Page 29): WASTE TETRAHYDROFURAN

B. EPA hazardous waste code (Page 30): U213 D001

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 19.0

F. UOM (Page 30): 5

Density: 0.89 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B203

H. RCRA-radioactive mixed (Page 31):

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 0

Comments:

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 004 362 052

1991 Hazardous Waste Report

FORM **WR**

WASTE RECEIVED FROM OFF SITE

INSTRUCTIONS: Read the detailed instructions beginning on page 29 of the 1991 Hazardous Waste Report booklet before completing this form.

Waste 1

A. Description of hazardous waste (Instruction Page 29): WASTE SILVER NITRATE SOLUTION

B. EPA hazardous waste code (Page 30): D001 D011

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 57.

F. UOM (Page 30): 5

Density: 1.0 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B114

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 9.

Waste 2

A. Description of hazardous waste (Instruction Page 29): WASTE 1,1,1-TRICHLOROETHANE

B. EPA hazardous waste code (Page 30): U226

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 14.9

F. UOM (Page 30): 5

Density: 1.35 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B202

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 0.

Waste 3

A. Description of hazardous waste (Instruction Page 29): WASTE ETHYLENE GLYCOL MONOETHYL ETHER

B. EPA hazardous waste code (Page 30): U359 D001

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 28.0

F. UOM (Page 30): 5

Density: 0.94 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B203

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 0.

Comments:

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 004 362 959

1991 Hazardous Waste Report

FORM **WR**

WASTE RECEIVED FROM OFF SIT

INSTRUCTIONS: Read the detailed instructions beginning on page 29 of the 1991 Hazardous Waste Report booklet before completing this form.

Waste 1

A. Description of hazardous waste (Instruction Page 29): WASTE FORMIC ACID

B. EPA hazardous waste code (Page 30): U123 D002

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 14.0

F. UOM (Page 30): 5

Density: 1.23 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B219

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 0

Waste 2

A. Description of hazardous waste (Instruction Page 29): WASTE ACETIC ACID, GLACIAL

B. EPA hazardous waste code (Page 30): D002

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 100.0

F. UOM (Page 30): 5

Density: 1.05 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B219

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M121

J. Quantity in storage at end of 1991 (Page 31): 0

Waste 3

A. Description of hazardous waste (Instruction Page 29): WASTE HEPTANE

B. EPA hazardous waste code (Page 30): D001

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 28.0

F. UOM (Page 30): 5

Density: 0.68 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B219

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 0

Comments: 1-G, 2-G, 3-G } OFF-SPEC COMMERCIAL CHEMICAL PRODUCT

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC COMP
FAIR LAWN NJ

EPA ID NO.: NJD 0 0 4 3 6 2 0 5 9

1991 Hazardous Waste Report

FORM **WR**

WASTE RECEIVED FROM OFF SITE

INSTRUCTIONS: Read the detailed instructions beginning on page 29 of the 1991 Hazardous Waste Report booklet before completing this form.

Waste 1

A. Description of hazardous waste (Instruction Page 29): WASTE O-TOLUIDINE SOLUTION

B. EPA hazardous waste code (Page 30): D002 U328

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 84.0

F. UOM (Page 30): 5

Density: 1.04 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B105

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 0

Waste 2

A. Description of hazardous waste (Instruction Page 29): WASTE 2-AMINOPROPANOL

B. EPA hazardous waste code (Page 30): D001

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 110.0

F. UOM (Page 30): 5

Density: 0.98 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B219

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 10-9

Waste 3

A. Description of hazardous waste (Instruction Page 29): WASTE n-PROPYL ALCOHOL

B. EPA hazardous waste code (Page 30): D001

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 28.

F. UOM (Page 30): 5

Density: 0.80 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B219

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M141

J. Quantity in storage at end of 1991 (Page 31): 9-

Comments: 2-G) Off-spec commercial chemical product
3-G

BEFORE COPYING FORM, ENTER:

SITE NAME: FISHER SCIENTIFIC Comp
FAIR LAWN NJ

EPA ID NO.: NJD 004 362 059

1991 Hazardous Waste Report

FORM **WR**

WASTE RECEIVED FROM OFF SITE

INSTRUCTIONS: Read the detailed instructions beginning on page 29 of the 1991 Hazardous Waste Report booklet before completing this form.

Waste 1

A. Description of hazardous waste (Instruction Page 29): WASTE SODIUM HYDROXIDE SOLUTION

B. EPA hazardous waste code (Page 30): D002

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 701.0

F. UOM (Page 30): 5

Density: 1.15 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B10

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M121

J. Quantity in storage at end of 1991 (Page 31): 0.0

Waste 2

A. Description of hazardous waste (Instruction Page 29): WASTE HYDROCHLORIC ACID SOLUTION

B. EPA hazardous waste code (Page 30): D002

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 495.0

F. UOM (Page 30): 5

Density: 1.10 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B105

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M121

J. Quantity in storage at end of 1991 (Page 31): 0.0

Waste 3

A. Description of hazardous waste (Instruction Page 29): WASTE SULFURIC ACID SOLUTION

B. EPA hazardous waste code (Page 30): D002

C. State hazardous waste code (Page 30): NA

D. Off-site source EPA ID No. (Page 30): TXD 048 215 230

E. Quantity received in 1991 (Page 30): 305.0

F. UOM (Page 30): 5

Density: 1.84 ☐ 1 lbs/gal ☒ 2 sg

G. Waste form code (Page 31): B105

H. RCRA-radioactive mixed (Page 31): 2

I. System type (Page 31): M121

J. Quantity in storage at end of 1991 (Page 31): 0.

Comments:

FISHER SCIENTIFIC COMPANY
FAIR LAWN, NJ

SUPPLEMENTAL SUBMISSIONS

1. Closure cost estimate - Attachment 1.

2. There were no incidents in 1991 requiring the implementation of the contingency plan.

3. Completed waste analysis form - Attachment 2

4. Completed daily inspection form - Attachment 3

5. Local public agencies have agreed to cooperate in emergency response and have participated in drills.

6. The quantities of waste placed in storage equals the amount shipped off-site during the year. All waste was stored over 90 days.

7. Wastes received from off-site, by generator - Attachment 4.

8. There were no rejected manifests from off-site generators during 1991.

9. There were no manifest discrepencies for off-site generators during 1991.

10. The only off-site generator from whom waste was received is owned and operated by Fisher Scientific, the same owner and operator of this facility. N.J.A.C. 7:26-9.4(a)1 is not applicable.

ATTACHMENT 1

Fisher Scientific

Central Offices
711 Forbes Avenue
Pittsburgh, PA 15219

Post-it™ brand fax transmittal memo 7671 | # of pages ▸ 5

To Marcy McKinley	From Tom Tisa
Co. Fisher	Co. Fisher
Dept. Environmental	Phone # 412 562 1922
Fax #	Fax # 412 562 2151

Date: October 25, 1990

To: R. Dickman-Indiana/F. Poliferno-Fair Lawn

From: Tom Tisa

Subject: RCRA CLOSURE COST ESTIMATES

The RCRA Closure Cost estimates for your facilities must be updated for inflation. Based on the 1989 inflation factor of 1.039, the cost estimate should be updated as follows:

	Closure Cost Estimates From	To
BPF	41,710	43,350
Fair Lawn Partial Closure	73,930	76,820
Final Closure	228,510	237,650
Indiana	17,150	17,820

Please make sure these revised estimates are reflected in your annual report to the regulatory agencies, and that the proper revisions are made to your Part B applications.

Any questions, please call.

Regards,

Tom

kps

cc: G. Rayer

Form 405
Rev. 4-86
Printed in U.S.A.

ATTACHMENT 2

Date Printed 02/10/92

Chemical Waste Management, Inc.

AB6140

WASTE PROFILE

Profile #

( ) Check here if this is a Recertification

LOCATION OF ORIGINAL CHM EASTERN REGION LAB

GENERAL INFORMATION

1. Generator Name: FISHER SCIENTIFIC

Generator USEPA ID: NJD004362859

2. Generator Address: 1 REAGENT LANE

Billing Address: ( ) Same

FAIR LAWN NJ 07410-0000

3. Technical Contact/Phone: JOHN J. GIBLIN 201/796-7100

4. Alternate Contact/Phone:

Billing Contact/Phone:

PROPERTIES AND COMPOSITION

5. Process Generating Waste: BULKED LABORATORY CHEMICALS

6. Waste Name: LISAB

7A. Is this a USEPA hazardous waste (40 CFR Part 261)? Yes ( ) No (X)

B. Identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U):

State Waste Codes:

8. Physical State @ 70F: A. Solid( ) Liquid(X) Both( ) Gas( ) B. Single Layer (X) Multilayer ( ) C. Free liq. range 99 to 100%

9A. pH: Range 6.0 to 8.0 or Not applicable ( ) B. Strong Odor ( ):describe

10. Liquid Flash Point: < 73F ( ) 73-99F ( ) 100-139F ( ) 140-199F ( ) >= 200F ( ) N.A. (X) Closed Cup (X) Open Cup ( )

Liquid Flash Point: < 73F ( ) 73-99F ( ) 100-139F ( ) 140-199F ( ) >= 200F ( ) N.A. (X) Closed Cup ( ) Open Cup (X)

11. CHEMICAL COMPOSITION: List ALL constituents (incl. halogenated organics) present in any concentration and forward analysis

Constituents	Range		Units
SODIUM CHLORIDE	1	to 2	%
SODIUM ACETATE	1	to 2	%
1,2-CYCLOHEXYLENE-DINITRILOTETRA ACETIC ACID	1	to 2	%
2-BROMO-3-NITRO-1,3-PROPANEDIOL	1	to 2	%
TRITON X 100	1	to 2	%
POLYVINYL PYROLIDENE	1	to 2	%
TOTAL COMPOSITION (MUST EQUAL OR EXCEED 100%):		112.000000	

See attachment 2

12. OTHER: PCBs if yes, concentration ppm, PCBs regulated by 40 CFR 761 ( ). Pyrophoric ( ) Explosive ( )
Radioactive ( ) Benzene if yes, concentration ppm. Shock Sensitive ( ) Oxidizer ( )
Carcinogen ( ) Infectious ( ) Other

13. If waste subject to the land ban & meets treatment standards, check here: _ & supply analytical results where applicable.

SHIPPING INFORMATION

14. PACKAGING: Bulk Solid ( ) Bulk Liquid ( ) Drum (X) Type/Size: 55 GALLON DRUM Other

15. ANTICIPATED ANNUAL VOLUME: 20 Units: 55 GALLON DRUM Shipping Frequency: YEAR

SAMPLING INFORMATION

16a. Sample source (drum, lagoon, pond, tank, vat, etc.): DRUM

Sample Tracking Number: 0000727

Date Sampled: 1/22/92 Sampler's Name/Company: CHRIS BROWN

16b. Generator's Agent Supervising Sampling:

17. ( ) No sample required (See instructions.)

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize CHM to obtain a sample from any waste shipment for purposes of recertification.

John J. Giblin

Signature

JOHN J. GIBLIN

DIR. OF ENVIRONMENTAL AFFAIRS

02/12/92 18:12 5513 599 4671

Date Printed 02/10/92

A86140

Profile #

18. This is a Nonwastewater.

19. If this waste is subject to any California list restrictions enter the letter from below (either A, B.1 or B.2) next to each restriction that is applicable:

___ HOCs, ___ PCBs, ___ Acid, ___ Metals, Cyanides

20. Identify ALL Characteristic and Listed USEPA hazardous waste numbers that apply (as defined by 40 CFR 261). For each waste number, identify the subcategory (as applicable, check none, or write in the description from 40 CFR 268.41, 268.42, and 268.43).

REF #	A. US EPA HAZARDOUS WASTE CODE(S)	B. SUBCATEGORY Enter the subcategory description. If not applicable, simply check none		C. APPLICABLE TREATMENT STANDARDS			D. HOW MUST THE WASTE BE MANAGED?
				PERFORMANCE BASED: Check as applicable		SPECIFIED TECHNOLOGY: If applicable enter the 40 CFR 268.42 table 1 treatment code(s)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42	Enter letter from below
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

Management under the land disposal restrictions:

A. RESTRICTED WASTE REQUIRES TREATMENT

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

B.3 GOOD FAITH ANALYTICAL CERTIFICATION FOR INCINERATED ORGANICS

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

E. NOT CURRENTLY SUBJECT TO LAND DISPOSAL RESTRICTIONS

21. Is this waste a soil and/or debris? No: X Yes, Soil: _ Yes, Debris: _ Yes, Both: _

22. Specific Gravity Range: 1.060 to ____

23. Indicate the range of each: Units

Cyanides: _ None to _____ _____ Type (free, total, amenable, etc.) _____

Cyanides: _ None to _____ _____ Type (free, total, amenable, etc.) _____

Sulfides: _ None to _____ _____ Type _____

Optional Phenolics: _ None to _____ _____

24. Identify the waste color LIGHT BLUE

and physical appearance CLEAR LIQUID

02/12/92 16:43 ☎513 699 4671 CHEMREX CLSI SEAT ←→ CHEMREX TRAVIS ☎004

Date Printed 02/10/92

AB6140

Profile #

25. COMPLETE ONLY FOR WASTES INTENDED FOR FUELS OR INCINERATION

	TOTAL	
Beryllium as Be		ppm
Potassium as K		ppm
Sodium as Na		ppm
Bromine as Br		%
Chlorine as Cl		%
Fluorine as F		%
Sulfur as S		%

26. RECLAMATION, FUELS or INCINERATION PARAMETERS
(Provide if information is available)

RANGE

A. Heat Value (Btu/lb): ____-____

B. Water: ____

C. Viscosity (cps): ____@____F _ 100 F _ 150 F

D. Ash: ____ %

E. Settleable solids: ____ %

F. Vapor Pressure @ STP (mm/Hg): ____

G. Is this waste a pumpable liquid? Yes _ No _

H. Can this waste be heated to improve flow? Yes _ No _

I. Is this waste soluble in water? Yes _ No _

J. Particle size: Will the solid portion of this waste pass through a 1/8 inch screen? Yes _ No _

27. TRANSPORTATION INFORMATION

A. Is this a DOT Hazardous Material? Yes _ No X

B. Proper Shipping Name: NON-REGULATED MATERIAL

C. Hazard Class: Non-Regulated Mat. I.D. ____

D. CERCLA Reportable Quantity (RQ) and units (Lb. Kg): ____

28. SPECIAL HANDLING INFORMATION

_ Material Safety Data Sheets Attached

29. OTHER INFORMATION

30. CHEMICAL WASTE MANAGEMENT CERTIFICATION

Chemical Waste Management, Inc. has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile.

31. OTHER HAZARDOUS CONSTITUTENTS Indicate if the waste contains any of the following.

Profile #

METALS	TCLP Information: Check only ONE for each constituent. Use units: ppm, mg/l				TCLP Data	TCA or TOTAL Use units: ppm, mg/l, mg/kg or percent			
						California List			
	Less Than	TC Regulated Level	Equal or More	Waste No.	TCLP Actual	Less Than	Regulated Level	Equal or More	Actual
Arsenic as As	X	5.0 mg/l		D004			500 mg/l		
Barium as Ba	X	100.0 mg/l		D005					
Cadmium as Cd	X	1.0 mg/l		D006			100 mg/l		
Chromium tot Cr	X	5.0 mg/l		D007					
Lead as Pb	X	5.0 mg/l		D008			500 mg/l		
Mercury as Hg	X	.2 mg/l		D009			20 mg/l		
Selenium as Se	X	1.0 mg/l		D010			100 mg/l		
Silver as Ag	X	5.0 mg/l		D011					
Nickel as Ni							134 mg/l		
Thallium as Tl							130 mg/l		
Chromium Hex							500 mg/l		
Antimony									
Beryllium									
Copper									
Vanadium									
Zinc									

	Less Than	Regulated Level	Equal or More	Waste No.	TCLP Analytical Test Results Use units: ppm or mg/l	
Benzene	X	0.5 mg/l		D018		
Carbon Tetrachloride	X	0.5 mg/l		D019		
Chlordane	X	0.03 mg/l		D020		
Chlorobenzene	X	100.0 mg/l		D021		
Chloroform	X	6.0 mg/l		D022		
o-Cresol	X	200 mg/l		D024		
o-Cresol	X	200.0 mg/l		D023		
p-Cresol	X	200.0 mg/l		D025		
Cresol	X	200.0 mg/l		D026		
2,4-D	X	10.0 mg/l		D016		
1,4 Dichlorobenzene	X	7.5 mg/l		D027		
1,2-Dichloroethylene	X	0.5 mg/l		D028		
1,1-Dichloroethylene	X	0.7 mg/l		D029		
2,4-Dinitrotoluene	X	0.13 mg/l		D030		
Endrin	X	.02 mg/l		D012		
Heptachlor, & Hydroxide	X	0.008 mg/l		D031		
Hexachloro-1,3 Butadiene	X	0.5 mg/l		D033		
Hexachlorobenzene	X	0.13 mg/l		D032		
Hexachloroethane	X	3.0 mg/l		D034		
Lindane	X	0.4 mg/l		D013		
Methoxychlor	X	10.0 mg/l		D014		
Methyl Ethyl Ketone	X	200.0 mg/l		D035		
Nitrobenzene	X	2.0 mg/l		D036		
Pentachlorophenol	X	100.0 mg/l		D037		
Pyridine	X	5.0 mg/l		D038		
Tetrachloroethylene	X	0.7 mg/l		D039		
Toxaphene	X	0.5 mg/l		D015		
2,4,5-TP Silvex	X	1.0 mg/l		D017		
Trichloroethylene	X	0.5 mg/l		D040		
2,4,5-Trichlorophenol	X	400.0 mg/l		D041		
2,4,6-Trichlorophenol	X	2.0 mg/l		D042		
Vinyl Chloride	X	0.2 mg/l		D043		

Date Printed 02/10/92

AB5140

Profile #

ATTACHMENT 2

CHEMICAL COMPOSITION: Additional constituents NOT included on page 1 of the Waste Profile

Constituents	Range		Units
WATER	90	to 100	%

ATTACHMENT 3

P. Penn
2/21/92
Fri

FISHER SCIENTIFIC COMPANY – FAIR LAWN
RCRA – DAILY INSPECTION LOG

WASTE STORAGE AREAS
CHECK FOR SPILLS
PROPER SEGREGATION OF
- HOUSEKEEPING
- SAFETY CONDITIONS
- AIR EMISSIONS
- IDENTIFICATION & LABELS
- CONTAINMENT
- IMPROPERLY STORED MATERIAL
- STORAGE AREA ENTRANCE BARRIER

WASTE CONTAINERS
- LEAKING
- CORROSION
- DAMAGED CONTAINERS
- IDENTIFICATION AND LABELS
- BUNGS CLOSED AND SECURED
- GROUNDING STRAPS
- DRUM COVERS

VALVES
- ENSURE CLOSED POSIT
- CONDITION OF AREA
- HOUSEKEEPING
- COLLECTED MATERIALS DIKE
- SPILLS
- POTENTIAL RELEASES

AREA INSPECTED	ITEMS FOR INSPECTION	OBSERVATIONS/IDENTIFIED PRO
RECLAMATION & SALVAGE EQUIPMENT PANEL	DRUM AND LAB PACK STORAGE, NEUTRALIZATION AREA, EXCURSIONS, WELL WATER FLOW, TRENCH FLOW	Chem - waste clear
BUILDING #3 CONTAINMENT VALVE	POSITION OF VALVE, SPILLS, CONTAINMENT	Normal closed - No spills
LIQUID PACKAGING WASTE STORAGE	CONTAINERS, HOUSEKEEPING	clean.
FLAMMABLE ROOM	FLOOR DRAIN VALVE, HOUSEKEEPING	closed - clean.
RECEIVER STORAGE	OPERATIONS, HOUSEKEEPING	Normal - clean.
METHANOL TANK DRAIN VALVE	POSITION OF VALVE, SPILLS	closed. No spill
HAZARDOUS WASTE DRUM STORAGE	DRUM STORAGE, MFG. ACCUMULATION AREA, EMPTY DRUM STORAGE, DRUM STORAGE LOG BOOK	clean + Organized
BUILDING 2 INTERCEPTOR SUMP	OPERATIONS OF SUMP	Normal
DISTILLATION AREA	OPERATIONS	Normal
CAUSTIC SODA CONTAINMENT VALVE	POSITION OF VALVE	closed
BUILDING 5, 6 STORM DRAIN VALVES	POSITION OF VALVE, ACCUMULATION OF RAINWATER	closed - No Rainwat
RAW MATERIAL DRUM STORAGE	DRUM STORAGE, HOUSEKEEPING	Cleaned out
SEWER TREATMENT PIT	OPERATIONS, ACCUMULATION OF RAINWATER	Normal - No Rainwater
SEWER TREATMENT SHED	ACID/CAUSTIC TANK, HOUSEKEEPING, MONITORING EQUIPMENT	Bath Full - Normal - cle
COMPACTOR	HOUSEKEEPING	clean.
SEWER METER SHED	MONITORING EQUIPMENT, SAMPLER, HOUSEKEEPING, MAN-HOLE	Normal – clean

INSPECTION START TIME:

FINISH TIME:

ATTACHMENT 4

WASTES RECEIVED FROM OFF-SITE

Generator: Fisher Scientific Comp., Houston, Texas
EPA ID# TXD 048 215 230

Manifest #
NJD0949906
NJD0949907
NJD0949908
NJD0949910
NJD0949911
NJD0949912
NJD0949913
NJD0949914
NJD0949915

Site Name FISHER SCIENTIFIC COMP
BRIDGEWATER, NJ

EPA ID No. NJD 052 207 982

OFFICIAL USE ONLY	
Ann. Fee	
RA	
Date	
Rec'd By	

HAZARDOUS WASTE FACILITY
1991 FEE VERIFICATION WORKSHEET

INSTRUCTIONS: Complete the below fee category information. If your site is required to submit a fee, then attach the check were indicated.

Attach check or money order here.

Make Payable to: Treasurer State of New Jersey

Mail Report to: NJDEPE, Bureau of Revenue
CN417
420 East State Street
Trenton, NJ 08625-0417
Attention: Manifest Section

Fee Category (Check appropriate generator and hazardous waste facility status boxes.)

☐	No Fee	This site (company) manifested less than 1.33 tons of hazardous waste for the calendar year .
☐	$200.00	This site (company) manifested 1.33 tons or more of hazardous waste but less than 10 tons of hazardous waste during the calendar year.
☒	$300.00	This site (company) manifested 10 tons or more of hazardous waste but less than 100 tons of hazardous waste during the calendar year.
☐	$400.00	This site (company) manifested 100 tons or more of hazardous waste during the calendar year.
☒	$800.00	In addition to the above indicated generator status, this site (company) was a hazardous waste facility during the calendar year.

$ 1100.00 TOTAL FEE SUBMITTED.

FisherChemical
Fisher Scientific

1 Reagent Lane
Fair Lawn, NJ 07410

VIA CERTIFIED MAIL NO. P518417927
RETURN RECEIPT REQUESTED

March 26, 1991

State of New Jersey
Department of Environmental Protection
Bureau of Hazardous Waste Management
CN028
33 Arctic Parkway
Trenton, NJ 08625

Re: Fisher Scientific Company
Fair Lawn Facility
EPA ID No.: NJD 004 362 059
1990 Generator Annual Report

Dear Sir/Madam:

Enclosed you will find one copy of the 1990 Generator Annual Report for the Fisher Scientific Company, Fair Lawn Facility, pursuant to N.J.A.C. 7:26-7.4(g)1. The report reflects manifest activities during the previous calendar year for the facility indicated above. A check in the amount of $400.00 is included with the copy of this report.

Should you have any questions or comments regarding this submission, please call me at (201) 796-7100, Ext. 298.

Sincerely yours,

FISHER SCIENTIFIC COMPANY

Janice M. Tirpack
Manager, Environmental Affairs

JMT:kr
Enclosure
jt5gen

cc: T. Tracey
F. Poliferno
G. Rayer
T. Tisa

CHEMICAL DIVISION 1 REAGENT LANE FAIR LAWN, NJ 07410 No. 5555

VOUCHER NO.	DATE	VENDOR INVOICE NUMBER	AMOUNT	DISCOUNT	PAYMENT AMOUNT
190906	02/26/91	NJDU043620	400.00	0.00	400.00

DETACH BEFORE DEPOSITING **TOTAL PAID →** 400.00

Fisher Scientific
CHEMICAL DIVISION
1 REAGENT LANE
FAIR LAWN, NJ 07410

FIRST FIDELITY BANK, N.A., NEW JERSEY
FAIRLAWN, NEW JERSEY

No. 5555

CHECK DATE	CHECK NO.	CHECK AMOUNT
02/28/91	00073103	******400.00

PAY

FOUR HUNDRED AND 00/100 DOLLARS

VOID

Doreen Josephs

$50.00 OR LESS REQUIRES ONE SIGNATURE

C. Allen Ruzzo

AUTHORIZED SIGNATURE

TO THE ORDER OF

TREASURER-STATE OF NEW JERSEY
BUREAU OF REVENUE
428 EAST STATE ST.
CN417
TRENTON, NJ
08625

⑈005555⑈ ⑆021200025⑆ 842 640073 4⑈

OFFICE USE ONLY
Ann. Fee _____
RA _____
Date _____
Rec'd By _____

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1990
CERTIFICATION FORM

ITEM 1 USEPA Identification (Generator) Number: NJD004362059

ITEM 2 Generator (Company) Name: Fisher Scientific Company

ITEM 3 Contact Person: Janice M. Tirpack

ITEM 4 Phone Number: 201-796-7100

ITEM 5 Certification:

I certify that the information given in this annual report is true, accurate and complete.

Thomas J. Tracey (Print or type name) Thomas J. Tracey F.P. (Signature) 3/28/91 (Date)

ITEM 6 Place an X next to the letter that applies:

A ____ This site (company) manifested less than 1.33 tons of hazardous waste for the calendar year 1990 (No Fee)

B ____ This site (company) manifested 1.33 tons or more of hazardous waste but less than 10 tons of hazardous waste during the calendar year 1990 (Fee $200)

C ____ This site (company) manifested 10 tons or more of hazardous waste but less than 100 tons of hazardous waste during the calendar year (Fee $300)

D X This site (company) manifested 100 tons or more of hazardous waste during the calendar year (Fee $400)

ITEM 7 Federal Vendor Identification Number (Tax Identification Number)

22-2451761

PLEASE SUBMIT CHECK WITH YOUR COMPLETED REPORT.

OMB# 2050-0024 Expires 3-31-92

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME Fisher Scientific Company
1 Reagent Lane, Fair Lawn

EPA ID NO. NJD004362059

FORM **IC**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 7 of the 1990 Hazardous Waste Report booklet before completing this form.

SEC. I Site name and location address. Complete items A through H. Check the box ☒ in items A, B, D, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 7.

A. EPA ID No. Same as label ☒ or ——→

B. Site/company name Same as label ☒ or ——→

C. Has the site name associated with this EPA ID changed since 1987? ☐ 1 Yes ☒ 2 No

D. Street name and number. If not applicable, enter industrial park, building name or other physical location description. Same as label ☒ or ——→

E. City, town, village, etc. Same as label ☒ or ——→

F. County Bergen

G. State Same as label ☒

H. Zip Code Same as label ☒

SEC. II Mailing address of site. Instruction page 7.

A. Is the mailing address the same as the location address? ☒ 1 Yes (SKIP TO SEC. III) ☐ 2 No (COMPLETE SEC. II)

B. Number and street name of mailing address

C. City, town, village, etc.

D. State

E. Zip Code

SEC. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 7.

A. Please print: Last name	First name	M.I.	B. Title	C. Telephone
Tirpack	Janice	M.	Manager, Environ. Affairs	201 796-7100 Extension X298

SEC. IV Enter the Standard Industrial Classification (SIC) Code that describes the principal products, group of products, produced or distributed, or the services rendered at the site's physical location. Enter more than one SIC Code only if no one industry description includes the combined activities of the site. Instruction page 8.

A.	B.	C.	D.
2819	N/A	N/A	N/A

SEC. V I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. Number of form pages submitted
Form IC 12 Form GM 34 Form WR 1 Form PB 1

B. Please print: Last name	First name	M.I.	C. Title
Tracey	Thomas	J	Director, Manufacturing Operations

D. Signature Thomas J Tracey

E. Date of signature 03 28 91 (MO. DAY YR)

OVER —>

Sec. VI Generator Status

A. 1990 generation (CHECK ONE BOX BELOW)
Instruction page 8

- ☐ 1 No (CONTINUE TO BOX B)
- ☒ 2 LQG
- ☐ 3 SQG

(SKIP TO SEC. VII)

B. Reason for not generating (CHECK ALL THAT APPLY)
Page 10

- ☐ 1 Never generated
- ☐ 2 Out of business
- ☐ 3 Only excluded or delisted waste
- ☐ 4 Only non-hazardous waste
- ☐ 5 Periodic or occasional generator
- ☐ 6 Waste minimization activity
- ☐ 7 Other (SPECIFY IN COMMENTS)

Sec. VII On-Site Waste Management Status

A. Storage Instruction page 11	B. RCRA treatment, recycling, or disposal Page 11	C. Exempt treatment, recycling, or disposal Page 12
3	3	1

Sec. VIII Waste Minimization Activity during 1989 or 1990

A. Did this site begin or expand a source reduction activity during 1989 or 1990?
Instruction page 12

- ☒ 1 Yes
- ☐ 2 No

B. Did this site begin or expand a recycling activity during 1989 or 1990?
Page 13

- ☒ 1 Yes
- ☐ 2 No

C. Did this site conduct a source reduction or recycling opportunity assessment during 1989 or 1990?
Page 13

- ☒ 1 Yes
- ☐ 2 No

D. What factors have limited this site from initiating new source reduction activities during 1989 or 1990?
(CHECK ALL THAT APPLY)
Page 13

- ☒ 01 No factors have limited new source reduction activities.
- ☐ 02 Insufficient capital to install new source reduction equipment or implement new source reduction practices.
- ☐ 03 Lack of technical information on source reduction techniques applicable to the specific production processes.
- ☐ 04 Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☐ 05 Concern that product quality may decline as a result of source reduction.
- ☐ 06 Technical limitations of the production processes.
- ☐ 07 Permitting burdens.
- ☐ 08 Other (SPECIFY IN COMMENTS)

E. What factors have limited this site from initiating new on-site or off-site recycling activities during 1989 or 1990?
(CHECK ALL THAT APPLY)
Page 13

- ☒ 01 No factors have limited new recycling activities.
- ☐ 02 Insufficient capital to install new recycling equipment or implement new recycling practices.
- ☐ 03 Lack of technical information on recycling techniques applicable to this site's specific production processes.
- ☐ 04 Recycling not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☐ 05 Concern that product quality may decline as a result of recycling.
- ☐ 06 Requirements to manifest wastes inhibit shipments off site for recycling.
- ☐ 07 Financial liability provisions inhibit shipments off site for recycling.
- ☐ 08 Technical limitations of product processes inhibit shipments off site for recycling.
- ☐ 09 Techical limitations of production processes inhibit on-site recycling.
- ☐ 10 Permitting burdens inhibit recycling.
- ☐ 11 Lack of permitted off-site recycling facilities.
- ☐ 12 Unable to identify a market for recyclable materials.
- ☐ 13 Other (SPECIFY IN COMMENTS)

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME Fisher Scientific Company

1 Reagent Lane Fair Lawn NJ

EPA ID NO. NJD004362059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: SOLUTIONS OF MIXED FLAMMABLES AND METALLIC WASTES GENERATED IN THE PROCESSING AND PACKAGING OF REAGENT GRADE CHEMICALS LAB PACK QUANTITY

B. EPA hazardous waste code Page 15	C. State hazardous waste code Page 16	D. SIC code Page 16	E. Source code Page 16	F. Form code Page 16	G. Origin Page 16
D001 D011 D009 D005	NA NA	2819	A09	B003	Code 1 System type MI NA

H. TRI constituent Page 17	I. CAS numbers Page 17
2	1. NA 2. NA 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1989 Instruction Page 17	B. Quantity generated in 1990 Page 17	C. UOM Page 16	D. Density Page 16	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? Page 16
DK	1227	1	NA . ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type Page 16	Quantity treated, disposed or recycled in 1990 Page 16	System type Page 16	Quantity treated, disposed or recycled in 1990 Page 16
MI NA	NA	MI NA	NA

Sec. III

A. Was this waste shipped off site? Instruction Page 19 ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped Instruction Page 19	C. System type Page 19	D. Total quantity shipped in 1990 Page 19
Site 1	NJD980536593	MI 41	1060
Site 2		MI	

Sec. IV

A. Waste minimization results in 1990 Instruction Page 20 ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 21	C. Other effects Page 21	D. Quantity recycled in 1990 due to new activities Page 21	E. Activity/Production Index Page 21	F. Source Reduction Quality Page 22
W25 W11 W12 WNA	☐ 1 Yes ☒ 2 No	NA	NA .	NA

Comments: I.B. - D006, D007, D008

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company

1 Reagent Lane Fair Lawn NJ

EPA ID NO.: NJD004362059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): SOLUTIONS OF MIXED FLAMMABLES AND METALLIC WASTES GENERATED IN THE PROCESSING AND PACKAGING OF REAGENT GRADE CHEMICALS LAB PACK QUANTITY

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
D001 D011 D009 NA	NA NA

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A09	B119	Code 1, System type M NA

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
2	1. NA 2. NA 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
DK	3200	1	NA. ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
M NA	NA	M NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD980536593	M 4 1	2400
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W25 W11 WNA WNA	☐ 1 Yes ☒ 2 No	NA	NA.	NA

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company

1 Reagent Lane Fair Lawn NJ

EPA ID NO.: NJD004362058

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): WASTE CHLORINATED SOLVENTS GENERATED IN THE PROCESSING AND PACKAGING OF REAGENT GRADE CHEMICALS (TRICHLOROETHYLENE, CHLOROFORM, METHYLENE CHLORIDE)

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
U226 U044 U080 U228	D040 C176

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A09	B202	Code 1; System type M NA

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
3	1. 67-66-3 2. 75-09-2 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 16)	D. Density (Page 16)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16)
6340	1752	5	NA .	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
M NA	NA	M NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD002454544	M061	1697
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quality (Page 22)
W11 W25 W52 WNA	☐ 1 Yes ☒ 2 No	NA	NA .	5

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company

1 Reagent Lane Fair Lawn NJ

EPA ID NO.: NJD004362059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): WASTE FLAMMABLE SOLVENTS GENERATED DURING THE PROCESSING AND PACKAGING OF REAGENT GRADE CHEMICALS (PETROLEUM ETHER, PENTANE, ISO-OCTANE)

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
D001 NA NA NA	NA NA

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A09	B203	Code: System type: M NA

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
Z	1. NA 2. NA 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 16)	D. Density (Page 16)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16)
5855	5370	5	NA. ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
M NA	NA	M NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD024545444	M061	4930
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W111 W125 W512 W514	☐ 1 Yes ☒ 2 No	NA	NA.	2539

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company

1 Reagent Lane Fair Lawn NJ

EPA ID NO.: NJD004362059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): WASTE OLEUM (FUMING SULFORIC ACID) GENERATED DURING THE PROCESSING OF SOLVENTS

B. EPA hazardous waste code (Page 15)				C. State hazardous waste code (Page 16)	
D002	NA	NA	NA		

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A33	B104	Code 1; System type MI NA

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
2	1. NA 2. NA 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
NA	2185	5	NA. ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
MI NA	NA	MI NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD002385730	MI129	1800
Site 2		MI	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W119 W58 WNA WNA	☐ 1 Yes ☒ 2 No	NA	NA.	NA

Comments: N.B. W19 - utilizing less raw material
W58 - changed batch sheet process to include less raw material

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company

1 Reagent Lane Fair Lawn NJ

EPA ID NO.: NJD004362059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: HAZARDOUS WASTES GENERATED DURING THE QUALITY CONTROL PROCESS OF DISCARDING RETENTION SAMPLES LAB PACK QUANTITY

B. EPA hazardous waste code Page 15: D001 U002 D011 U196

C. State hazardous waste code Page 16: CH28 C457

D. SIC code Page 16: 2819

E. Source code Page 16: A49

F. Form code Page 16: B003

G. Origin Page 16: Code 1; System type M NA

H. TRI constituent Page 17: 3

I. CAS numbers Page 17: 1. 67-64-1 2. NA 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1989 Instruction Page 17: DK

B. Quantity generated in 1990 Page 17: 8778

C. UOM Page 16: 1

D. Density Page 16: NA . ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? Page 16: ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1

System type Page 18: M NA

Quantity treated, disposed or recycled in 1990 Page 18: NA

SYSTEM 2

System type Page 18: M NA

Quantity treated, disposed or recycled in 1990 Page 18: NA

Sec. III

A. Was this waste shipped off site? Instruction Page 19: ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped Instruction Page 19	C. System type Page 19	D. Total quantity shipped in 1990 Page 19
Site 1	NJDA8053659 13	M141	6020
Site 2	SCD004423333	M043	2200

Sec. IV

A. Waste minimization results in 1990 Instruction Page 20: ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 21	C. Other effects Page 21	D. Quantity recycled in 1990 due to new activities Page 21	E. Activity/Production Index Page 21	F. Source Reduction Quantity Page 22
W112 W111 W125 WNA	☐ 1 Yes ☒ 2 No	NA	NA .	NA

Comments: I.A. - QUALITY CONTROL RETENTION SAMPLES ARE DISCARDED AFTER THREE YEARS
I.B. - D009, D005, D006, D007, P115, P119, P120, D008, U218, P012, U170,
I.C. - C126, C347, C458
I.B/C - NO EPA OR NEW JERSEY HAZARDOUS WASTE CODE. SHIPPED UNDER SOUTH CAROLINA NUMBER 6666 TO SOUTH CAROLINA.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company

1 Reagent Lane Fair Lawn NJ

EPA ID NO.: NJD043620590

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): RESIDUES FROM THE PACKAGING OF DRY REAGENT GRADE CHEMICALS AND LAB PACK QUANTITIES OF HAZARDOUS WASTES GENERATED DURING THE PROCESSING OF REAGENT GRADE CHEMICALS.

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)	D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
D001 U002 D011 U196	C428 C457	2819	A49	B003	Code 1; System type M NA

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
3	1. 67-64-1 2. NA 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
DK	942	1	NA. ☐1 lbs/gal ☐2 sg	☐1 Yes (CONTINUE TO SYSTEM 1) ☒2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
M NA	NA	M NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒1 Yes (CONTINUE TO BOX B) ☐2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD980536593	M141	900
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☐1 Yes (CONTINUE TO BOX B) ☐2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W112 W111 W125 WNA	☐1 Yes ☒2 No	NA	NA.	NA

Comments: I.B. - D009, D005, D006, D007, P115, P119, P120, D002, D008, U218, P012, U170
I.C. - C126, C347, C458
I.B/C - NO EPA OR NEW JERSEY HAZARDOUS WASTE CODE. SHIPPED UNDER SOUTH CAROLINA NUMBER 6666 TO SOUTH CAROLINA

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
1 REAGENT LANE, FAIR LAWN, N.J

EPA ID NO.: NJD010431621059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): HAZARDOUS WASTES GENERATED IN LAB PACK QUANTITIES DURING THE ANALYTICAL AND QUALITY CONTROL PROCEDURES ASSOCIATED WITH THE PROCESSING OF REAGENT GRADE CHEMICALS (CORROSIVE LIQUIDS AND SOLIDS SPILL CLEAN UP)

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
D002 NA NA NA	NA NA

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A53	B1003	Code: System type: MI NA

H. TPC constituent (Page 17)	I. CAS numbers (Page 17)
3	1. 7664-41-7 2. NA 3. NA 4. NA 5. NA 6. NA

Sec. II

A. Quantity generated in 1990 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 16)	D. Density (Page 16)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16)
NA	8000	1	NA. ☐1 lbs/gal ☐2 kg	☐1 Yes (CONTINUE TO SYSTEM 1) ☒2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)	System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)
MI NA	NA	MI NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 18) ☒1 Yes (CONTINUE TO BOX B) ☐2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 18)	C. System type (Page 18)	D. Total quantity shipped in 1990 (Page 18)
Site 1	NJD980531659 3	MI 4	8000
Site 2		MI	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☒1 Yes (CONTINUE TO BOX B) ☐2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W312 W316 W NA W NA	☐1 Yes ☒2 No	NA	NA.	NA

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENT. ...TION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
1 REAGENT LANE, FAIR LAWN, N.J

EPA ID NO.: NJD010431621059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): HAZARDOUS WASTES GENERATED IN LAB PACK QUANTITIES DURING THE ANALYTICAL AND QUALITY CONTROL PROCEDURES ASSOCIATED WITH THE PROCESSING OF REAGENT GRADE CHEMICALS (FLAMMABLE SOLIDS, CARBON, XYLENE)

B. EPA hazardous waste code (Page 15): D001 D001 D001 D001

C. State hazardous waste code (Page 16): C3916 NA

D. SIC code (Page 16): 2819

E. Source code (Page 16): A53

F. Form code (Page 16): B003

G. Origin (Page 16): Code 1; System type MI NA

H. TRI constituent (Page 17): 2

I. CAS numbers (Page 17): 1. NA 2. NA 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1990 (Instruction Page 17): NA

B. Quantity generated in 1990 (Page 17): 9190

C. UOM (Page 16): 1

D. Density (Page 16): NA. ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1

System type (Page 16): MI NA

Quantity treated, disposed or recycled in 1990 (Page 16): NA

SYSTEM 2

System type (Page 16): MI NA

Quantity treated, disposed or recycled in 1990 (Page 16): NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 18): ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 18)	C. System type (Page 18)	D. Total quantity shipped in 1990 (Page 18)
Site 1	NJD980536593	MI 41	9190
Site 2		MI	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20): ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
WI 32 WI 36 WI WI	☐ 1 Yes ☒ 2 No	NA	NA.	NA

Comments: Section I.B. - U196, D002

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
1 REAGENT LANE, FAIR LAWN, N.J

EPA ID NO.: NJD010431621059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): HAZARDOUS WASTE SOLID, N.O.S. GENERATED DURING SPILL CLEAN-UP

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)	D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
D004 D005 D006 D007	NA NA	2819	A53	B302	Code: 1 System type: M AA

H. TRI constituent (Page 17): 2

I. CAS numbers (Page 17): 1. NA 2. NA 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1990 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 16)	D. Density (Page 16)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16)
NA	60000	1	NA .	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1: System type (Page 16): M NA — Quantity treated, disposed or recycled in 1990 (Page 16): NA

SYSTEM 2: System type (Page 16): M NA — Quantity treated, disposed or recycled in 1990 (Page 16): NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 18) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD198053165913	M 4	60000
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
WI WI WI WI	☐ 1 Yes ☐ 2 No		.	

Comments: I.A. - SOIL 20-40%, WATER 50-70%, PHOSPHORUS 2-4%, ALUMINUM 10-15%, CALCIUM 10-20%, IRON 5-10%, MANGANESE 8-10%, ARSENIC 53 ppm

I.B. - D008, D009, D010, D011

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
1 REAGENT LANE, FAIR LAWN, N.J

EPA ID NO.: NJD010431621059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): WASTE POISON B SOLID, N.O.S. (SODIUM CYANIDE) SPILL CLEAN-UP >90% VERMICULITE, 4% SODIUM CYANIDE, 600 ppm BARIUM

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
P030 D005 N/A N/A	N/A N/A

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A53	B312	Code: 1 System type: MI NA

H. TPI constituent (Page 17)	I. CAS numbers (Page 17)
2	1. NA 2. NA 3. NA 4. NA 5. NA 6. NA

Sec. II

A. Quantity generated in 1990 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 16)	D. Density (Page 16)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16)
NA	400	1	NA.	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)	System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)
MI NA	NA	MI NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 18) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD980531659 13	MI 41	400
Site 2		MI	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
WI32 WI36 WINA WINA	☐ 1 Yes ☒ 2 No	NA	NA.	NA

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
1 REAGENT LANE, FAIR LAWN, N.J

EPA ID NO.: NJD010431621059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): HAZARDOUS WASTE LIQUID, N.O.S. (SPILL CLEAN UP)
>90% WATER
<10% SLUDGE WITH <1% SODIUM MAGANESE

B. EPA hazardous waste code (Page 15): D010 D009 NA NA

C. State hazardous waste code (Page 16): NA NA

D. SIC code (Page 16): 2819

E. Source code (Page 16): A53

F. Form code (Page 16): B316

G. Origin (Page 16): Code L; System type MI NA

H. TRI constituent (Page 17): 2

I. CAS numbers (Page 17): 1. NA 2. NA 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1990 (Instruction Page 17): NA

B. Quantity generated in 1990 (Page 17): 450

C. UOM (Page 16): L

D. Density (Page 16): NA. ☐ 1 lbs/gal ☐ 2 sg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

SYSTEM 1
System type (Page 16): MI NA
Quantity treated, disposed or recycled in 1990 (Page 16): NA

SYSTEM 2
System type (Page 16): MI NA
Quantity treated, disposed or recycled in 1990 (Page 16): NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 18)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 18)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD980536593	MI 41	459
Site 2		MI	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
WI32 WI36 WNA WIA	☐ 1 Yes ☒ 2 No	NA	NA.	NA

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
1 REAGENT LANE, FAIR LAWN, N.J

EPA ID NO.: NJD010431612059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): HAZARDOUS WASTE FLAMMABLE SOLID GENERATED DURING SPILL CLEAN UP 95% SPILL CLEAN UP, 5% BENZENE

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)	D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16) Code	System type
U019 U070 U080 NA	F213 NA	2819	A53	B H09	1	MI NA

H. TPI constituent (Page 17)	I. CAS numbers (Page 17)
3	1. 75-09-2 2. NA 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1990 (Instruction) Page 17	B. Quantity generated in 1990 Page 17	C. UOM Page 16	D. Density Page 16	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? Page 16
NA	25000	1	NA.	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)	System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)
MI UA	NA	MI NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD980531659 13	MI 41	25000
Site 2		MI	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
WI32 WI34 WINA WNA	☐ 1 Yes ☒ 2 No	NA	NA.	NA

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
1 REAGENT LANE, FAIR LAWN, N.J

EPA ID NO.: NJD010431612059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): HAZARDOUS WASTE LIQUID, N.O.S. GENERATED DURING SPILL CLEAN UP

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)	D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
U019 / NA / NA / NA	NA / NA	2819	A53	B1191	Code: / System type: M1 NA

H. TPI constituent (Page 17)	I. CAS numbers (Page 17)
2	1. NA 2. NA 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1990 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 16)	D. Density (Page 16)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16)
NA	2H00	1	NA .	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)	System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)
M1 NA	NA	M1 NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 18) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 18)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD980531659 13	M1 41	2H00
Site 2		M1	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W312 W316 W NA W NA	☐ 1 Yes ☒ 2 No	NA	NN .	NA

Comments: I.A. 99% WATER, 410% BENZENE, 41% SULFATE, 41% IRON OXIDE

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn, NJ

EPA ID NO.: NJD010413620519

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): OFF SPECIFICATION CHLORINATED SOLVENTS GENERATED DURING THE PROCESSING AND PACKAGING OF REAGENT GRADE CHEMICALS. (CHLOROFORM, METHYLENE CHLORIDE, 1,1,1 TRICHLOROETHANE)

B. EPA hazardous waste code (Page 15)				C. State hazardous waste code (Page 16)	
U044	U080	U226	U228		C1716 C4412

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A57	B2012	Code 1 System type MI NA

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)					
3	1. 67-66-3	2. 75-09-2	3. NA	4. NA	5. NA	

Sec. II

A. Quantity generated in 1990 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 16)	D. Density (Page 16)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16)
54202	28558	5	NA . ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)	System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)
MI NA	NA	MI NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD010245454144	MI016 1	28103
Site 2		MI	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
WI11 WI22 WI25 WI19	☐ 1 Yes ☒ 2 No	NA	NA .	5920

Comments: I.B. - U211
IV. B. MONITOR THROUGH NEW PROCEDURES - MIXTURES AND WATER WASHES.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company

1 Reagent Lane Fair Lawn NJ

EPA ID NO.: NJD004362058

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): OFF SPECIFICATION FLAMMABLE SOLVENTS GENERATED DURING THE PROCESSING AND PACKAGING OF REAGENT GRADE CHEMICALS

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
D001 U003 U154 U002	C396 C110

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A57	B203	Code 1; System type M NA

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
3	1. 67-56-1 2. 75-05-8 3. 67-64-1 4. 1110-82-7 5. 67-63-1

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 16)	D. Density (Page 16)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
52697	43494	5	NA . ☐1 lbs/gal ☐2 sg	☐1 Yes (CONTINUE TO SYSTEM 1) ☒2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
M NA	NA	M NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒1 Yes (CONTINUE TO BOX B) ☐2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD002454544	M061	42779
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☐1 Yes (CONTINUE TO BOX B) ☐2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W111 W122 W125 W119	☐1 Yes ☒2 No	NA	NA .	27689

Comments: I. B. - U056, U213, U220, U112, U196, U231, U031, U117, U239
IV. B. - Monitor through new procedures - mixtures and water washes

BEFORE COPYING FORM, ATTACH SITE IDENT... ATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
1 REAGENT LANE, FAIR LAWN, N.J

EPA ID NO.: NJD004362059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): HAZARDOUS WASTES GENERATED IN LAB PACK QUANTITIES DURING THE PROCESSING OF REAGENT GRADE CHEMICALS - UNUSED REAGENTS AND CHEMICALS

B. EPA hazardous waste code (Page 15): D001 D002 U002 U196

C. State hazardous waste code (Page 16): NA NA

D. SIC code (Page 16): 2819

E. Source code (Page 16): A58

F. Form code (Page 16): B003

G. Origin (Page 16): Code 1; System type M NA

H. TRI constituent (Page 17): 3

I. CAS numbers (Page 17): 1. 67-64-1 2. NA- - 3. NA- - 4. NA- - 5. NA- -

Sec. II

A. Quantity generated in 1990 (Instruction Page 17): DK

B. Quantity generated in 1990 (Page 17): 4387

C. UOM (Page 18): 1

D. Density (Page 18): NA. ☐ 1 lbs/gal ☐ 2 sg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1: System type (Page 18): M NA; Quantity treated, disposed or recycled in 1990 (Page 18): NA

SYSTEM 2: System type (Page 18): M NA; Quantity treated, disposed or recycled in 1990 (Page 18): NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19): ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD980536593	M141	2410
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20): ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W25 W11 WNA WNA	☐ 1 Yes ☒ 2 No	NA	NA.	NA

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fairlawn, NJ

EPA ID NO.: NJD004362059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): HAZARDOUS WASTES GENERATED IN LAB PACK QUANTITIES DURING THE ANALYTICAL AND QUALITY CONTROL PROCEDURES ASSOCIATED WITH THE PROCESSING OF REAGENT GRADE CHEMICALS

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
D001 U165 U219 D008	C431 C329

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A58	B003	Code 1; System type MI NA

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
3	1. 108-95-2 2. 67-56-1 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
DK	10179	1	NA .	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
MI NA	NA	MI NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	SCD044423333	MI041	3107
Site 2		MI	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
WI12 WINA WINA WINA	☐ 1 Yes ☒ 2 No	NA	NA .	NA

Comments: I.B. - D011, U123, D006, D005, P106, P105, D009, U007, P018, P098, U169, U188, P010, D002, D008, D009, U219, U196, U154, U210, D007, D011, U217, P011,
I.C. C283, C153, C388, C124, C340, C377, C406, C109, C396, C431

I. B/C - No EPA or New Jersey Waste Code - Shipped under South Carolina Code 6666 to South Carolina

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
1 REAGENT LANE, FAIR LAWN, N.J

EPA ID NO.: NJD004316210591

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): HAZARDOUS WASTES GENERATED IN LAB PACK QUANTITIES DURING THE ANALYTICAL AND QUALITY CONTROL PROCEDURES ASSOCIATED WITH THE PROCESSING OF REAGENT GRADE CHEMICALS - CONTAINING NAPTHALENE, NITROBENZENE, NITROPHENOL & PHOSPHOROUS PENTASULFIDE

B. EPA hazardous waste code (Page 15): U165 U169 U170 U190

C. State hazardous waste code (Page 16): C329 C340

D. SIC code (Page 16): 2819

E. Source code (Page 16): A558

F. Form code (Page 16): B003

G. Origin (Page 16): Code 1 — System type MI NA

H. TRI constituent (Page 17): 3

I. CAS numbers (Page 17): 1. 167-56-1 2. NA 3. NA 4. NA 5. NA 6. NA

Sec. II

A. Quantity generated in 1990 (Instruction Page 17): DK

B. Quantity generated in 1990 (Page 17): 1189.1

C. UOM (Page 16): 1

D. Density (Page 16): NA. — ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1

System type (Page 16): MI NA

Quantity treated, disposed or recycled in 1990 (Page 16): NA

SYSTEM 2

System type (Page 16): MI NA

Quantity treated, disposed or recycled in 1990 (Page 16): NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 18): ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD980535965 3	MI 4	1149.1
Site 2	SCD044442333	MI 043	2769

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20): ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
WI 12 WI NA WI NA WI NA	☐ 1 Yes ☒ 2 No	NA	NA.	NA

Comments: I.B.- U353, U223, U239, U246, U328, U216, U217, U218, U220, U204, D010, U196, D001, U188, U197 U219, U214, U122, U154, U123, D002, U146, U162, U103, U107, U108, U080, U081, U102, P101, P104, P105 P106, P087, P092, P012, P014, P018, U136, U007, U012, U034, D011, D009, D003, D005, D010, P022, D008, P098

I.C.- C347, C436, C192, C426, C401, C396, C377, C431, C283, C473, C309, C322, C265, C262, C239, C369, C313, C126, C153, C103, C388, C435, C423.

I.B/C - NO EPA or NEW JERSEY WASTE CODE - SHIPPED UNDER SOUTH CAROLINA CODE GGGG TO SOUTH CAROLINA

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn, NJ

EPA ID NO.: NJD010431620519

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): OUT OF DATE BENZENE - DISCARDED FROM LABORATORY

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
U019 NA NA NA	C133 NA

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A58	B203	Code 1; System type M NA

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
2	1. NA 2. NA 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
NA	30	5	NA . ; ☐1 lbs/gal ☐2 sg	☐1 Yes (CONTINUE TO SYSTEM 1); ☒2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
M NA	NA	M NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒1 Yes (CONTINUE TO BOX B) ☐2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD010245454	M061	30
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☐1 Yes (CONTINUE TO BOX B) ☒2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W W W W	☐1 Yes ☐2 No		.	

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn, NJ

EPA ID NO.: NJD004362059

FORM **GM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): RESIDUES ASSOCIATED WITH THE PACKAGING OF DRY REAGENT CHEMICALS

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
P106 D002 NA NA	NA NA

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A58	B312	Code 1; System type MI NA

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
2	1. NA 2. NA 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1990 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 16)	D. Density (Page 16)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16)
DK	900	1	NA . ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)	System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)
MI NA	NA	MI NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD980536593	MI 14	900
Site 2		MI	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
WI11 WI25 WINA WINA	☐ 1 Yes ☒ 2 No	NA	NA .	NA

Comments:

BEFORE COPYING FORM, ATTACH SITE IDEN ATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
1 REAGENT LANE, FAIR LAWN, N.J

EPA ID NO.: NJD010431621059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): HAZARDOUS WASTES GENERATED DURING THE ANALYTICAL AND QUALITY CONTROL PROCEDURES WITH THE PROCESSING AND PACKAGING OF REAGENT GRADE CHEMICALS

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
D009 U189 NA NA	NA NA

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A58	B316	Code 1 System type MI NA

H. TPI constituent (Page 17)	I. CAS numbers (Page 17)
2	1. NA 2. NA 3. NA 4. NA 5. NA 6. NA

Sec. II

A. Quantity generated in 1990 (Instruction) Page 17	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 16)	D. Density (Page 16)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16)
DK	7000	1	NA .	1 Yes (CONTINUE TO SYSTEM 1) 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)	System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)
MI NA	NA	MI NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 18) 1 Yes (CONTINUE TO BOX B) 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD980536593	MI 14	7000
Site 2		MI	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) 1 Yes (CONTINUE TO BOX B) 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
WI WI WI WI	1 Yes 2 No		.	

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn, NJ

EPA ID NO.: NJD004362059

FORM **GM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): WASTE THIONYL CHLORIDE - NO LONGER PACKAGED AT FACILITY

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
D002 / NA / NA / NA	NA / NA

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A58	B105	Code 1; System type MI NA

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
2	1. NA 2. NA 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 16)	D. Density (Page 16)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
DK	850	1	NA . ☐1 lbs/gal ☐2 sg	☐1 Yes (CONTINUE TO SYSTEM 1) ☒2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
MI NA	NA	MI NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒1 Yes (CONTINUE TO BOX B) ☐2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD980536593	MI 4 1	850
Site 2		MI	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☐1 Yes (CONTINUE TO BOX B) ☒2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
WI / WI / WI / WI	☐1 Yes ☐2 No		.	

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn, NJ

EPA ID NO.: NJD010413620519

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 16): HAZARDOUS WASTE LABORATORY WASTES ASSOCIATED WITH THE PROCESS LAB - CHLORINATED WASTES

B. EPA hazardous waste code (Page 15): U108 | U044 | U212 | U228

C. State hazardous waste code (Page 16): C1176 | C1442

D. SIC code (Page 16): 2819

E. Source code (Page 16): A519

F. Form code (Page 16): B2012

G. Origin (Page 16): Code 1 | System type M | NA

H. TRI constituent (Page 17): 3

I. CAS numbers (Page 17): 1. 75-09-2 | 2. 67-66-3 | 3. NA | 4. NA | 5. NA

Sec. II

A. Quantity generated in 1990 (Instruction Page 17): 23810

B. Quantity generated in 1990 (Page 17): 18010

C. UOM (Page 16): G

D. Density (Page 16): NA . ☐ 1 lbs/gal ☐ 2 sg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1

System type (Page 16): M | NA

Quantity treated, disposed or recycled in 1990 (Page 16): NA

SYSTEM 2

System type (Page 16): M | NA

Quantity treated, disposed or recycled in 1990 (Page 16): NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD010121415141414	M	11745
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W11 | W25	☐ 1 Yes	NA	NA .	5810
W NA | W NA	☒ 2 No			

Comments: I.B. B211

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn, NJ

EPA ID NO.: NJD004362059

FORM **GM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: HAZARDOUS WASTE LABORATORY WASTES ASSOCIATED WITH THE PROCESS LAB - NON CHLORINATED WASTE.

B. EPA hazardous waste code Page 15: D001 U213 U002 U359

C. State hazardous waste code Page 16: NA NA

D. SIC code Page 16: 2819

E. Source code Page 16: A59

F. Form code Page 16: B203

G. Origin Page 16: Code 1; System type M NA

H. TRI constituent Page 17: 3

I. CAS numbers Page 17: 1. 67-64-1 2. NA- - 3. NA- - 4. NA- - 5. NA- -

Sec. II

A. Quantity generated in 1989 Instruction Page 17: 4620

B. Quantity generated in 1990 Page 17: 4168

C. UOM Page 18: 5

D. Density Page 18: NA. ☐ 1 lbs/gal ☐ 2 sg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? Page 18: ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1: System type Page 18: M NA; Quantity treated, disposed or recycled in 1990 Page 18: NA

SYSTEM 2: System type Page 18: M NA; Quantity treated, disposed or recycled in 1990 Page 18: NA

Sec. III

A. Was this waste shipped off site? Instruction Page 19: ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility to which waste was shipped Instruction Page 19	C. System type Page 19	D. Total quantity shipped in 1990 Page 19
Site 1	NJD002454544	M061	4168
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 Instruction Page 20: ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 21	C. Other effects Page 21	D. Quantity recycled in 1990 due to new activities Page 21	E. Activity/Production Index Page 21	F. Source Reduction Quantity Page 22
W11 W25 WNA WNA	☐ 1 Yes ☒ 2 No	NA	NA.	452

Comments: I.B. - U196

BEFORE COPYING FORM, ATTACH SITE IDENT. ...TION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
1 REAGENT LANE, FAIR LAWN, N.J

EPA ID NO.: NJD010431621059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): HAZARDOUS WASTES GENERATED IN LAB PACK QUANTITIES DURING THE ANALYTICAL AND QUALITY CONTROL PROCEDURES ASSOCIATED WITH THE PROCESSING OF REAGENT GRADE CHEMICALS - OXIDIZERS, POISONOUS LIQUIDS

B. EPA hazardous waste code (Page 15): D001 D009 D002 P087

C. State hazardous waste code (Page 16): C369 C160

D. SIC code (Page 16): 2819

E. Source code (Page 16): A59

F. Form code (Page 16): B103

G. Origin (Page 16): Code 1; System type MI NA

H. TPI constituent (Page 17): 3

I. CAS numbers (Page 17): 1. 75-09-2 2. NA 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1990 (Instruction, Page 17): DK

B. Quantity generated in 1990 (Page 17): 20298

C. UOM (Page 16): 1

D. Density (Page 16): N/A ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1

System type (Page 16): MI NA

Quantity treated, disposed or recycled in 1990 (Page 16): N/A

SYSTEM 2

System type (Page 16): MI NA

Quantity treated, disposed or recycled in 1990 (Page 16): N/A

Sec. III

A. Was this waste shipped off site? (Instruction Page 18): ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD980531659 3	MI 41	1145 9
Site 2	SCD041444423333	MI 043	6318

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20): ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
WI 2 WI NA WI NA WI NA	☐ 1 Yes ☒ 2 No	N/A	N/A	N/A

Comments: I.B.- F001, U001, D003, D006, D007, P022, U196, U080, U133, U155, U144, F004, U044, U061, U067, U070, P098, P029, P030, P048, U034, U007, U012, D010, U002, D008, D004, D035,

I.C - C299, C297, C176, C200, C388, C187

I. B/C - NO EPA or NJ Hazardous Waste Code. Shipped under South Carolina Code 6666 to South Carolina

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn, NJ

EPA ID NO.: NJD004362059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): HAZARDOUS WASTES GENERATED IN LAB PACK QUANTITIES DURING THE ANALYTICAL AND QUALITY CONTROL PROCEDURES ASSOCIATED WITH THE PROCESSING OF REAGENT GRADE CHEMICALS (FLAMMABLE LIQUIDS, CORROSIVES)

B. EPA hazardous waste code (Page 15): D001 D002 U188 P014

C. State hazardous waste code (Page 16): C160 NA

D. SIC code (Page 16): 2819

E. Source code (Page 16): A59

F. Form code (Page 16): B003

G. Origin (Page 16): Code 1; System type M NA

H. TRI constituent (Page 17): 2

I. CAS numbers (Page 17): 1. NA 2. NA 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1989 (Instruction Page 17): DK

B. Quantity generated in 1990 (Page 17): 483

C. UOM (Page 18): 1

D. Density (Page 18): NA. ☐ 1 lbs/gal ☐ 2 sg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1: System type (Page 18): M NA; Quantity treated, disposed or recycled in 1990 (Page 18): NA

SYSTEM 2: System type (Page 18): M NA; Quantity treated, disposed or recycled in 1990 (Page 18): NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19): ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	SCD044442333	M041	483
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20): ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W12 WNA WNA WNA	☐ 1 Yes ☒ 2 No	NA	NA.	NA

Comments: SECTION I.B. P022, F003, F002, D009, U225, D006, D008, U124, U219, P010, P011, P012
SECTION I.C. - C424, C431, C124, C125, C126

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn

EPA ID NO.: NJD004362059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description — Instruction Page 15: Laboratory waste consisting of magnesium metal turnings

B. EPA hazardous waste code — Page 15				C. State hazardous waste code — Page 16	
D003	NA	NA	NA	NA	NA

D. SIC code — Page 16	E. Source code — Page 16	F. Form code — Page 16	G. Origin — Page 16
2819	A59	B309	Code 1; System type MNA

H. TRI constituent — Page 17	I. CAS numbers — Page 17				
Z	1. NA	2. NA	3. NA	4. NA	5. NA

Sec. II

A. Quantity generated in 1989 — Instruction Page 17	B. Quantity generated in 1990 — Page 17	C. UOM — Page 18	D. Density — Page 18	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? — Page 18
DK	7	1	NA .	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type — Page 18	Quantity treated, disposed or recycled in 1990 — Page 18	System type — Page 18	Quantity treated, disposed or recycled in 1990 — Page 18
MNA	NA	MNA	NA

Sec. III

A. Was this waste shipped off site? — Instruction Page 19: ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped — Instruction Page 19	C. System type — Page 19	D. Total quantity shipped in 1990 — Page 19
Site 1	NJD980536593	M141	7
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 — Instruction Page 20: ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity — Page 21	C. Other effects — Page 21	D. Quantity recycled in 1990 due to new activities — Page 21	E. Activity/Production Index — Page 21	F. Source Reduction Quantity — Page 22
W W W W	☐ 1 Yes ☐ 2 No		.	

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
1 REAGENT LANE, FAIR LAWN, N.J

EPA ID NO.: NJD004362059

FORM **GM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description (Instruction Page 15): HAZARDOUS WASTES GENERATED IN LAB PACK QUANTITIES DURING THE ANALYTICAL AND QUALITY CONTROL PROCEDURES ASSOCIATED WITH THE PROCESSING OF REAGENT GRADE CHEMICALS CONTAINING COMPRESSED GAS N.O.S. NON FLAMMABLE.

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
D002 NA NA NA	NA NA

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A59	B801	Code 1; System type M NA

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
2	1. NA- 2. NA- 3. NA- 4. NA- 5. NA-

Sec. II

A. Quantity generated in 1990 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
DK	24	1	NA. ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
M NA	NA	M NA	NA

Sec. III A. Was this waste shipped off site? (Instruction Page 19) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD980536593	M141	24
Site 2		M	

Sec. IV A. Waste minimization results in 1990 (Instruction Page 20) ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W W W W	☐ 1 Yes ☐ 2 No		.	

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn, NJ

EPA ID NO.: NJD004362059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): HAZARDOUS WASTE GENERATED DURING CLEAN UP OF CONTAINMENT AREA

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
U080 / NA / NA / NA	NA / NA

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A69	B202	Code 1; System type MI / NA

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
3	1. 75-09-2 2. 7647-10-9 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 16)	D. Density (Page 16)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16)
DK	400	1	NA .	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)	System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)
MI / NA	NA	MI / NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD980536593	MI / 4 / 1	400
Site 2		MI	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W32 / W36 / WNA / WNA	☐ 1 Yes ☒ 2 No	NA	NA .	NA

Comments: I.E. - Liquid pumped from containment area in processing area

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn, NJ

EPA ID NO.: NJD004362059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): Hazardous waste generated during on-site construction projects containing heavy metals

B. EPA hazardous waste code (Page 15)				C. State hazardous waste code (Page 16)	
D005	D004	D006	D007	NA	NA

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A69	B302	Code: 1
			System type: M NA

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)				
2	1. NA	2. NA	3. NA	4. NA	5. NA

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
NA	10000	1	NA.	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)
			☐ 1 lbs/gal ☐ 2 sg	

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
M NA	NA	M NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD980536593	M 141	10000
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W12 WNA WNA WNA	☐ 1 Yes ☒ 2 No	NA	NA.	NA

Comments: I.B. - D008, D009, D011
IV.B. - Took out construction debris - uncontaminated debis physically removed
I.E. - Analytical results showed soils to be contaminated

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: FISHER SCIENTIFIC COMPANY
1 REAGENT LANE, FAIRLAWN, NJ.

EPA ID NO.: NJD010143162105B

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): WASTE ACTIVATED CARBON GENERATED FROM THE LIQUID PACKAGING CARBON ABSORPTION SYSTEM

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
D099 / NA / NA / NA	NA / NA

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A718	B H09	Code 1; System type M / NA

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
2	1. NA 2. NA 3. NA 4. NA 5. NA

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
DK	3300	1	NA . ; ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
M / NA	NA	M / NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD980536593	M / 4 / 1	3300
Site 2		M /	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W13 / W19 / W / W	☐ 1 Yes ☒ 2 No	NA	NA .	NA

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fairlawn, NJ

EPA ID NO.: NJD010413620595

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): SOILS GENERATED DURING PLANT CONSTRUCTION PROJETS CONTAMINATED WITH CHLOROFORM, TETRACHLOROETHANE AND NAPTHALENE

B. EPA hazardous waste code (Page 15): U044 | U211 | U165 | N/A

C. State hazardous waste code (Page 16): | C117 | C132

D. SIC code (Page 16): 2819

E. Source code (Page 16): A169

F. Form code (Page 16): B301

G. Origin (Page 16): Code [1] System type: M | N/A

H. TRI constituent (Page 17): 3

I. CAS numbers (Page 17): 1. 67-66-3 2. N/A 3. N/A 4. N/A 5. N/A

Sec. II

A. Quantity generated in 1989 (Instruction Page 17): 4295210

B. Quantity generated in 1990 (Page 17): 3538010

C. UOM (Page 18): 1

D. Density (Page 18): N/A . [ ] ☐ 1 lbs/gal ☐ 2 sg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1

System type (Page 18): M | N/A

Quantity treated, disposed or recycled in 1990 (Page 18): N/A

SYSTEM 2

System type (Page 18): M | N/A

Quantity treated, disposed or recycled in 1990 (Page 18): N/A

Sec. III

A. Was this waste shipped off site? (Instruction Page 19): ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	AILID010106212414	M | 3 | 2	3538010
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20): ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W | 1 | 2 W | N/A W | N/A W | N/A	☐ 1 Yes ☒ 2 No	N/A	N/A . [ ]	75720

Comments: SECTION I.E ANALYTICAL RESULTS SHOWED SOILS GENERATED DUEING CONSTRUCTION TO BE CONTAMINATED.

SECTION IV B - PHYSICALLY REMOVED UNCONTAMINATED CONSTRUCTION DEBRIS.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn NJ

EPA ID NO.: NJD010431620 59

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): Spent carbon generated from water treatment process installed for treatment of contaminated ground water on-site.

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
F001 F002 F003 F005	NA NA

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2819	A79	B310	Code 5; System type M082

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
3	1. 75-09-2 2. 67-64-1 3. 67-56-1 4. NA 5. NA

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 16)	D. Density (Page 16)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16)
45000	15000	1	NA . ; ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)	System type (Page 16)	Quantity treated, disposed or recycled in 1990 (Page 16)
MI NA	NA	MI NA	NA

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	PAD000736942	MI029	15000
Site 2		MI	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
WI13 WI19 WI WI	☐ 1 Yes ☒ 2 No	NA	NA .	30000

Comments: I.E.- Treatment by activated carbon of remedial groundwater
14.B.- Carbon is changed as needed, rather than pre-scheduled by maintenance.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn

EPA ID NO.: NJD004362059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **WR**

WASTE RECEIVED FROM OFF SITE

INSTRUCTIONS: Read the detailed instructions beginning on page 27 of the 1990 Hazardous Waste Report booklet before completing this form.

Waste 1

A. Description of hazardous waste — Instruction Page 27: N/A

B. EPA hazardous waste code — Page 28

C. State hazardous waste code — Page 28

D. Off-site source EPA ID No. — Page 28

E. Quantity received in 1990 — Page 28

F. UOM — Page 28

G. Density — Page 28 — ☐ 1 lbs/gal ☐ 2 sg

H. Waste form code — Page 29: B

I. System type — Page 29: M

Waste 2

A. Description of hazardous waste — Instruction Page 27

B. EPA hazardous waste code — Page 28

C. State hazardous waste code — Page 28

D. Off-site source EPA ID No. — Page 28 — ☐ Check if ID same as in Waste 1 — or ->

E. Quantity received in 1990 — Page 28

F. UOM — Page 28

G. Density — Page 28 — ☐ 1 lbs/gal ☐ 2 sg

H. Waste form code — Page 29: B

I. System type — Page 29: M

Waste 3

A. Description of hazardous waste — Instruction Page 27

B. EPA hazardous waste code — Page 28

C. State hazardous waste code — Page 28

D. Off-site source EPA ID No. — Page 28 — ☐ Check if ID same as in Waste 2 — or ->

E. Quantity received in 1990 — Page 28

F. UOM — Page 28

G. Density — Page 28 — ☐ 1 lbs/gal ☐ 2 sg

H. Waste form code — Page29: B

I. System type — Page 29: M

Comments: NO HAZARDOUS WASTE RECEIVED FROM OFF-SITE LOCATIONS DURING 1990

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane, Fair Lawn

EPA ID NO.: NJD004362059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **PS**

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions beginning on page 30 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste treatment, disposal or recycling system description — Instruction Page 36

NEUTRALIZATION OF ACIDS AND ALKALIS, HAZARDOUS WASTE NUMBER D002.

B. System type — Page 36	C. Regulatory status — Page 36	D. Operational status — Page 37	E. Unit types — Page 37
M12	01	01	01

Sec. II

A. 1990 influent quantity — Instruction Page 36

	Total	UOM	Density
	5390	5	NA .
RCRA	5390		☐ 1 lbs/gal ☐ 2 sg

B. Maximum operational capacity — Page 39

	Total	RCRA
	450000	450000

C. 1990 liquid effluent quantity — Page 40: N/A

	Total	UOM	Density
			.
RCRA			☐ 1 lbs/gal ☐ 2 sg

D. 1990 solid/sludge residual quantity — Page 41: N/A

	Total	UOM	Density
			.
RCRA			☐ 1 lbs/gal 2 ☐ sg

E. Limitations on capacity — Page 41: 1. 09 2. 3.

F. Commercial availability code — Page 41: 1

G. Percent capacity commercially available — Page 42: N/A %

Sec. III

A. Planned change in maximum operational capacity — Instruction Page 42

☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. New maximum operational capacity — Page 42: N/A

	Total	UOM
RCRA		

C. Planned year of change — Page 43: N/A — 19

D. Future commercial availability code — Page 43: 1

E. Percent future capacity commercially available — Page 43: N/A %

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane Fair Lawn, NJ

EPA ID NO.: NJD010H362059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM 01

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the back of this page before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: NJD010241514144

B. Name of off-site installation or transporter: NARISOL, INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☒ TSDR

D. Address of off-site installation
Street: 125 FACTORY LANE
City: MIDDLESEX State: NJ Zip Code: 08846-

Site 2

A. EPA ID No. of off-site installation or transporter: NJD010069216 1

B. Name of off-site installation or transporter: ENVIRONMENTAL TRANSPORT, INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of off-site installation
Street: NA
City: State: Zip Code:

Site 3

A. EPA ID No. of off-site installation or transporter: NJD010081347 7

B. Name of off-site installation or transporter: NAPPI TRUCKING COMPANY

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of off-site installation
Street: NA
City: State: Zip Code:

Site 4

A. EPA ID No. of off-site installation or transporter: NJD010238573 0

B. Name of off-site installation or transporter: E.I. DUPONT de NEMOURS & COMPANY, INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of off-site installation
Street: CHAMBERS WORKS - ROUTE 130
City: DEEPWATER State: NJ Zip Code: 08023-

Site 5

A. EPA ID No. of off-site installation or transporter: PAD010073694 2

B. Name of off-site installation or transporter: CALGON CARBON COMPANY

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of off-site installation
Street: 200 NEVILLE ROAD
City: Neville Island State: PA Zip Code:

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane Fair Lawn, NJ

EPA ID NO. NJD004362059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM 01

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the back of this page before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: PAD004319810

B. Name of off-site installation or transporter: CALGON CARBON COMPANY

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of off-site installation
Street: NA
City: _____ State: ___ Zip Code: _____-____

Site 2

A. EPA ID No. of off-site installation or transporter: ALD000622464

B. Name of off-site installation or transporter: CHEMICAL WASTE MANAGEMENT, INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of off-site installation
Street: Alabama Highway 17 at Mile Marker 163
City: Emelle State: AL Zip Code: 35459-____

Site 3

A. EPA ID No. of off-site installation or transporter: ILD098642424

B. Name of off-site installation or transporter: TRADE WASTE INCINERATION

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of off-site installation
Street: 7 MOBILE AVE.
City: SAUGET State: IL Zip Code: 62201-1069

Site 4

A. EPA ID No. of off-site installation or transporter: PAD064035819

B. Name of off-site installation or transporter: HORWITH TRUCKS, INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of off-site installation
Street: NA
City: _____ State: ___ Zip Code: _____-____

Site 5

A. EPA ID No. of off-site installation or transporter: SCD044442333

B. Name of off-site installation or transporter: THERMALKEM, INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of off-site installation
Street: 2334 VERNSDALE ROAD
City: ROCK HILL State: SC Zip Code: 29730-____

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company
1 Reagent Lane Fair Lawn, NJ

EPA ID NO. NJD004362059

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM 01

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the back of this page before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: NJD000169233

B. Name of off-site installation or transporter: PERRETTI FREIGHT SERVICES

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of off-site installation
NA
Street
City State Zip Code

Site 2

A. EPA ID No. of off-site installation or transporter: NJD054112644

B. Name of off-site installation or transporter: FREEHOLD CARTAGE, INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of off-site installation
NA
Street
City State Zip Code

Site 3

A. EPA ID No. of off-site installation or transporter: NJD980530593

B. Name of off-site installation or transporter: ADVANCED ENVIRONMENTAL TECHNOLOGY CORP.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of off-site installation
Street: 1 EDEN LANE
City: FLANDERS State: NJ Zip Code: 07836-

Site 4

A. EPA ID No. of off-site installation or transporter

B. Name of off-site installation or transporter

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of off-site installation
Street
City State Zip Code

Site 5

A. EPA ID No. of off-site installation or transporter

B. Name of off-site installation or transporter

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of off-site installation
Street
City State Zip Code

Comments:

FisherChemical
Fisher Scientific

1 Reagent Lane
Fair Lawn, NJ 07410

May 29, 1990

State of New Jersey
Department of Environmental Protection
Division of Hazardous Waste Management
401 East State Street - Fifth Floor
CN028
Trenton, NJ 08625

ATTN: Manifest Section - Annual Reports

RE: Fisher Scientific Company
Fair Lawn, New Jersey
EPA ID No. NJD004362059
1989 Generator Annual Report

Fisher Scientific Company
Bridgewater, New Jersey
EPA ID No. NJD052207982
1989 Generator Annual Report

Dear Sir/Madam,

Please find enclosed the Generator Annual Reports for the Fisher Scientific Company facilities listed above. A check in the amount of $700.00 has been enclosed to cover processing fees.

Should you have any questions or require more information, please contact me at (201) 796-7100, Ext. 298.

Sincerely,

FISHER SCIENTIFIC COMPANY

Janice M. Tirpack
Manager, Environmental Affairs

JMT/ns
Enclosures

cc: F. Poliferno
G. Rayer
T. Tisa

FisherChemical
Fisher Scientific
1 Reagent Lane
Fair Lawn, NJ 07410

April 9, 1990

Via Telecopy & Certified Mail

Mr. Thomas Sherman, Chief
State of New Jersey
Department of Environmental Protection
Bureau of Hazardous Waste Engineering
Hazardous Waste Management
CN028
Trenton, NJ 08625-0028

RE: New Jersey Hazardous Waste Facility
Annual Report for 1988
Fisher Scientific Company, Fair Lawn
Bergen County, EPA ID No. NJD004362059
New Jersey Facility No. 0217B1

Dear Mr. Sherman,

I have completed the review of Fisher Scientific Company's ("Fisher") 1988 Annual Report and the associated manifests in preparation of this response to your queries identified in your February 7, 1990 ("Letter").

The following identifies that which was marked as needing response in your Letter.

1. **Item 3.(B) "Form III is incomplete. Other - The annual report should include non-hazardous waste relieved [sic] from off-site by Hazardous Waste Manifest."**

Fisher's TSDF permit No. 0217B1 allows for shipments of hazardous waste from off-site Fisher locations. These wastes must be accompanied by a uniform hazardous waste manifest(s). Fisher also accepts non-hazardous wastes from off-site Fisher locations. If the non-hazardous wastes were shipped to the TSD facility with a hazardous waste shipment and were identified by means of manifest, the information would have been included in our 1988 Annual Report. However, it is Fisher's general policy to utilize a Bill of Lading or other shipping documents to accompany non-hazardous shipments rather than a hazardous waste manifest. Therefore, only these occasional shipments of non-hazardous wastes which were accompanied by a Hazardous Waste Manifest were included in our 1988 Annual Report.

2. Item 7. "The following waste code D003 appeared on your 1988 annual report but is not listed in your Hazardous Waste Storage and Treatment Facilty permit..."

   Fisher's Hazardous Waste Storage and Treatment Facility permit No. 0217B1 does include the waste code D003 on page 23 of 35, Section II, (3)(d).

3. Item 7. "Further, the annual report includes the listing of waste code[] X850... Please note that..(this) code[] is not officially listed in N.J.A.C. 7:26-1 et seq."

   In our discussions with the Bureau of Regulation, Classificaton and Technical Assistance in the Hazardous Waste Regulation Element of the Department of Environmental Protection, we were informed that the utilization of the X850 code was acceptable for designating lab packs as long as packing slips accompany the hazardous waste manifest which they did whenever Fisher Scientific used the X850 code.

   The X850 code was utilized on the hazardous waste manifest and subsequently on the 1988 Annual Report Form as transcribed from the manifest by our consultants Advanced Environmental Technology Corporation ("AETC"), whose Hazardous Waste Facility permit at page 13 of 26, paragraph (c) indicates that the State of New Jersey has given AETC permission to utilize the X850 code for packed laboratory chemicals... "provided they are managed as hazardous wastes, including the use of a manifest."

   Additionally, in Fisher's efforts to be thorough and complete in submitting information in compliance with the Treatment, Storage and Disposal Facility report requirements, Fisher inadvertantly included hazardous waste manifest information which should not have been included on the TSDF report but rather should have appeared only in the Generator Report. These materials were stored on-site for less than ninety-days and were in compliance with all the standards applicable to a generator storing hazardous waste for ninety days or less. Therefore, disposition of this material should have been indicated on the Generator Report rather than the TSDF report. Attached to this letter is the revised TSDF report which more accurately reflects the TSDF information for the Fisher Fair Lawn facility.

4. Item 7. "Further, the annual report includes the listing of waste code[] NR. Plesae note that..(this) code[] is not officially listed in N.J.A.C. 7:26-1 et seq."

   The waste code NR was assigned to a lab pack which contained non-regulated materials. A review of the packing slip(s) for the materials contained in the lab pack indicates that a code not regulated under N.J.A.C. 7:26-1 et seq. should have been assigned.

   Additionally, in Fisher's efforts to be thorough and complete by submitting all information in compliance with the Treatment, Storage and Disposal Facility report requirements, Fisher inadvertantly included hazardous waste manifest information which should not have been included on the TSDF report but rather on the Generator Report. Materials which were stored on-site for less than ninety-days in compliance with all standards for preparedness and prevention programs and, therefore, disposal of this material should be indicated on the generator rather than the TSDF report. Attached to this letter is the revised TSDF report which more accurately reflects the TSDF information for the Fisher Fair Lawn facility.

5. Item 7. "Further, the annual report includes the list of waste code[] 6666 and 7777. Please note that..(these) code[] are not officially listed in N.J.A.C. 7:26-1 et seq."

   Because the material was shipped to South Carolina, Fisher Scientific Company used the South Carolina waste codes. It is now Fisher Scientific Company's policy to assign all appropriate New Jersey waste codes as well as applicable State codes outside of New Jersey.

   Again, in Fisher's efforts to be thorough and complete in submitting information in compliance with the Treatment, Storage and Disposal Facility report requirements, Fisher inadvertantly included hazardous waste manifest information which should not have been included on the TSDF report but rather on the Generator Report.

These materials were stored on-site for less than ninety-days and were in compliance with all standards applicable to a generator storing hazardous waste for ninety days or less. Therefore, disposition of this material should be indicated on the Generater Report rather than the TSDF Report. Attached to this letter is the revised TSDF report which more accurately reflects the TSDF information for the Fisher Fair Lawn facility.

6. Item 7. "Further the annual report includes the listing of waste code[] X940... Please note that..(this) code[] is not officially listed in N.J.A.C. 7:26-1 et seq."

Fisher Scientific Company is authorized to accept hazardous wastes from off-site according to the following conditions:

1) Returned goods shall be only from other Fisher locations and shall be Fisher products or residuals from minor spills, cleanups from other Fisher locations.

2) Fisher branch returning goods to the facility shall have EPA ID Numbers.

3) Returned goods shall be manifested and handled by qualified waste haulers.

4) Containers shall not be larger than 55 gallon drums.

The X940 materials received, were from Fisher Scientific Company's Itasca, Illinois facility (EPA ID No. ILD074399684). The materials were Fisher products. The materials were shipped in lab pack quantities and in accordance with the aforementioned conditions No. 3 and 4. It was Fisher's understanding that the X940 waste code may be used when non-hazardous shipments were manifested to a hazardous waste facility. This was the case for the shipment of nickel(ous) chloride which does not meet the criteria of hazardous waste under N.J.A.C. 7:26-8.1 et seq. However, a shipment of zinc nitrate waste was incorrectly assigned the X940 which should have been called D001.

Fisher trusts that the above information and the attached, modified TSDF Annual Report, which has been revised to incorporate our present understanding of the proper utilization of these reports satisfies your queries identified in your letter dated February 7, 1990.

Sincerely,

FISHER SCIENTIFIC COMPANY

Janice M. Tirpack
Manager, Environmental Affairs

JMT/ns
Attachments
cc: John Scott - NJDEP
T.J. Tracey
F.A. Poliferno
G.R. Rayer
T.J. Tisa
J. Nacheman - Pitney, Hardin, Kipp & Szuch

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
TSDF ANNUAL REPORT FORM I
1988

PLEASE READ THE FOLLOWING INFORMATION AND ENSURE THAT IT IS CORRECT
IF ADDITIONS OR CORRECTIONS ARE REQUIRED, ENTER CORRECT
INFORMATION IN THE ADJACENT BLANK SPACES.

COMPANY INFORMATION		CORRECTIONS/ADDITIONS
EPA ID:	NJD004362059	
COMPANY NAME:	FISHER SCIENTIFIC CO	
CONTACT NAME:	HOWARD ZLOTKIN	JANICE TIRPAK
PHONE NUMBER:	201-796-7100	
EMERGENCY PHONE:		
--SITE LOCATION INFORMATION--		
SITE STREET:	1 REAGENT LANE	
SITE CITY:	FAIR LAWN	
SITE COUNTY:	BERG	
SITE STATE:	NJ	
SITE ZIP CODE:	07410	
--MAILING ADDRESS INFORMATION--		
MAIL STREET:	1 REAGEN LANE	
MAIL CITY:	FAIR LAWN, NJ	
MAIL STATE:	NJ	
MAIL ZIP CODE:	07410	
--ADDITIONAL INFORMATION--		
LATITUDE:		0 40 57
LONGITUDE:		0 074-07 30
PRIMARY SIC CODE:	2819	
*CLOSURE COST:		$219,720.00
*POST-CLOSURE COST (WHERE APPLICABLE):		$-71,080.00

SUM TOTAL (BY UNITS):

TOTAL AMOUNT HANDLED ON-SITE IN 1988
9368 G, 93 P, ____ T, 2 KG, — CY

TOTAL AMOUNT IN STORAGE AT END OF YEAR
____ G, 85,000 P, ____ T, ____ KG, ____ CY

TOTAL AMOUNT MANIFESTED OFF-SITE IN 1988
160 G, 202 P, ____ T, 5 KG, ____ CY

* THESE ARE NOT FIXED COSTS AND MUST BE UPDATED ANNUALLY

NOTE: ***This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)***

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	NJD004362059	D002	8935.00	G	N	S01 T31	WASTE CORROSIVE LIQUID NOS
2	ILD074399684	U122	365.00	L	N	S01 T31	WASTE FORMALDEHYDE SOLUTION
3	ILD074399684	D001	168.10	L	Y	S01	WASTE FLAMMABLE LIQUID NOS
4	ILD074399684	D002	6.00	L	N	S01 T31	TRICHLOROACETIC ACID.
5	ILD074399684	U056	1.90	L	Y	S01	WASTE CYCLOHEXYLAMINE.

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)*

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	D002	3130	L	N	S01 T31	WASTE CORROSIVE LIQUID NOS
2	ILD074399684	D002	27.50	L	N	S01 T31	CORROSIVE MATERIAL NOS
3	ILD074399684	D002	1.00	L	N	S01 T31	WASTE HYPOCHLORITE SOLUTION
4	ILD074399684	D002	74.00	L	N	S01 T31	WASTE PHOSPHORIC ACID.
5	ILD074399684	D002	15.00	L	N	S01 T31	WASTE NITRIC ACID <40%

NOTE: ***This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)***

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	D002	422.00	L	N	S01 T31	WASTE HYDROCHLORIC ACID
2	ILD074399684	U002	12.50	L	Y	S01	WASTE ACETONE
3	ILD074399684	U080	44.00	L	N	S01	WASTE METHLENE CHLORIDE
4	ILD074399684	D002	237.00	L	N	S91 T31	WASTE SODIUM HYDROXIDE SOLUTION
5	ILD074399684	U044	16.00	L	Y	S01	WASTE CHLOROFORM

NOTE: ***This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)***

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD043620599
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	D007	3.70	L	N	S01 T31	WASTE CHROMIC ACID
2	ILD074399684	D003	2.20	P	N	S01	WASTE SODIUM SULFIDE
3	ILD074399684	D001	12.00	L	Y	S01	WASTE PETROLEUM ETHER
4	ILD074399684	D002	0.10	Kg	Y	S01	WASTE CYANOGEN BROMIDE
5	ILD074399684	D009	0.50	Kg	Y	S01	WASTE POTASSIUM CHROMATE

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)*

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD
1	ILD074399684	D001	400	L	Y	S01
2	ILD074399684	D002	150	Kg	N	S01 T31
3	ILD074399684	D002	1150	L	N	S01 T31
4	ILD074399684	U188	800	L	Y	S01
5	ILD074399684	U003	400	L	Y	S01

DESCRIPTION OF WASTE
1: WASTE DIISOPROPYLAMINE
2: WASTE CORROSIVE SOLID NOS
3: WASTE SULFURIC ACID
4: WASTE PHENOL
5: WASTE ACETONITRILE

NOTE: This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD043620597
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD
1	ILD074399684	U239	800	L	Y	S01
	DESCRIPTION OF WASTE: WASTE XYLENE					
2	ILD074399684	D001	150	Kg	Y	S01
	DESCRIPTION OF WASTE: WASTE POTASSIUM SULFATE					
3	ILD074399684	D002	010	Kg	N	S01
	DESCRIPTION OF WASTE: WASTE PHOSPHOROUS TRIBROMIDE					
4	ILD074399684	X940	230	P	Y	S01
	DESCRIPTION OF WASTE: WASTE NICKELOUS CHLORIDE					
5	ILD074399684	P012	010	Kg	Y	S01
	DESCRIPTION OF WASTE: WASTE ARSENIC TRIOXIDE SOLID					

NOTE: This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	P022	7,000	L	Y	S01	WASTE CARBON DISULFIDE
2	ILD074399684	D002	13,50	L	N	S01 T31	ACETIC ACID, GLACIAL
3	ILD074399684	D002	20,000	L	N	S01 T31	WASTE POTASSIUM HYDROXIDE
4	ILD074399684	D001	104,000	L	Y	S01	WASTE DENATURED ALCOHOL
5	ILD074399684	D001	8,000	L	Y	S01	WASTE ISOPROPANOL

NOTE: This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD
1	ILD074399684	D001	8.00	L	Y	S01
	DESCRIPTION OF WASTE: WASTE HEXANE					
2	ILD074399684	U117	59.80	L	Y	S01
	DESCRIPTION OF WASTE: WASTE ETHYL ETHER					
3	ILD074399684	U112	32.00	L	Y	S01
	DESCRIPTION OF WASTE: ETHYL ACETATE					
4	ILD074399684	U228	32.00	L	Y	S01
	DESCRIPTION OF WASTE: WASTE TRICHLOROETHYLENE					
5	ILD074399684	U154	4.00	L	Y	S01
	DESCRIPTION OF WASTE: WASTE METHANOL					

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)*

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	U220	32.00	L	Y	S01	WASTE TOLUENE
2	ILD074399684	U031	28.00	L	Y	S01	WASTE BUTYL ALCOHOL
3	ILD074399684	D001	51.0	L	Y	S01	WASTE ALCOHOL NOS
4	ILD074399684	U213	4.00	L	Y	S01	WASTE TETRAHYDROFURAN
5	ILD074399684	D001	9.00	L	Y	S01	WASTE COMBUSTIBLE LIQUID NOS

NOTE: ***This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)***

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD
1	ILD074399684	D001	10.40	P	Y	S01
	DESCRIPTION OF WASTE: WASTE NITRATES NOS					
2	ILD074399684	D001	5.50	P	Y	S01
	DESCRIPTION OF WASTE: WASTE POTASSIUM PERMANGANATE					
3	ILD074399684	X9410	34.50	P	Y	S01
	DESCRIPTION OF WASTE: WASTE ZINC NITRATE					
4	ILD074399684	D002	12.00	P	N	S01 T31
	DESCRIPTION OF WASTE: WASTE ACETIC ANHYDRIDE					
5	ILD074399684	D002	8.00	P	N	S01 T31
	DESCRIPTION OF WASTE: WASTE PERCHLORIC ACID					

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C F:26 - F.4 (g)*

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	D002	050	L	Y	S01	WASTE THIONYL CHLORIDE
2	ILD074399684	D002	970	L	N	S01 T31	WASTE NITRIC ACID <40%
3	ILD074399684	D007	300	K	Y	S01	WASTE POTASSIUM DICHROMATE
4	ILD074399684	X850	110	P	Y	S01	WASTE POISON B SOLID NOS
5	ILD074399684	D001	050	P	Y	S01	WASTE NITROTOLUENE

NOTE: ***This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)***

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD904362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	D001	1400	L	Y	S01	WASTE ETHYL ALCOHOL
2	ILD074399684	U019	400	L	Y	S01	WASTE BENZENE
3	ILD074399684	D001	550	L	Y	S01	WASTE COLLODION
4	ILD074399684	D001	050	L	Y	S01	WASTE DIMETHYLDICHLORO SILANE
5	ILD074399684	U134	1000	P	Y	S01	WASTE HYDROFLUORIC ACID

Report required in N. J. A. C. 7:26 - E.4 (g)

NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

ID NUMBER	FACILITY NAME	YEAR
NJD004362059	FISHER SCIENTIFIC COMPANY	88

GENERATOR ID NUMBER	WASTE TYPE
ILD074399684	U123

QUANTITY	UNITS	MOS?	HANDLING METHOD
1,000	LE	N	S01

WASTE FORMIC ACID

GENERATOR ID NUMBER	WASTE TYPE
ILD074399684	D011

QUANTITY	UNITS	MOS?	HANDLING METHOD
40,000	LE	N	S01

WASTE SILVER NITRATE

GENERATOR ID NUMBER	WASTE TYPE
ILD074399684	P053

QUANTITY	UNITS	MOS?	HANDLING METHOD
0,50	LI	Y	S01

WASTE ETHYLENEDIAMINE

GENERATOR ID NUMBER	WASTE TYPE
ILD074399684	D001

QUANTITY	UNITS	MOS?	HANDLING METHOD
7.00	LI	Y	S01

WASTE FLAMMABLE LIQUID NOS

ILD074399684 D001

QUANTITY	UNITS	MOS?	HANDLING METHOD
1,00	LI	Y	S01

WASTE BUTYLAMINE

PG 13 22

Report required in N. J. A. C. 7:26 - 7.4 (g)

NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

ID NUMBER	FACILITY NAME	
NJD004362059	FISHER SCIENTIFIC COMPANY	88

GENERATOR EPA ID NUMBER	WASTE TYPE
ILD074399684	U162

QUANTITY	UNITS	MOS?	HANDLING METHOD
8.00	LL	Y	S01

DESCRIPTION OF WASTE: WASTE METHYL METHACRYLATE

GENERATOR EPA ID NUMBER	WASTE TYPE
ILD074399684	D001

QUANTITY	UNITS	MOS?	HANDLING METHOD	
1.50	L	N	S01	T31

WASTE HYDROGEN PEROXIDE SOLUTION

GENERATOR EPA ID NUMBER	WASTE TYPE
ILD074399684	D002

QUANTITY	UNITS	MOS?	HANDLING METHOD
7.50	L	Y	S01

WASTE OLEUM

GENERATOR EPA ID NUMBER	WASTE TYPE
ILD074399684	D002

QUANTITY	UNITS	MOS?	HANDLING METHOD	
1.00	L	N	S01	T31

WASTE FERRIC CHLORIDE SOLUTION

ILD074399684 D002

QUANTITY	UNITS	MOS?	HANDLING METHOD	
13.20	P	N	S01	T31

WASTE SODIUM HYDROXIDE BEADS

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)*

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY
REPORT YEAR: 19

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	D002	250	L	N	S01 T31	WASTE AMMONIUM HYDROXIDE
2	ILD074399684	D003	0.50	L	Y	S01	WASTE AMMONIUM HYDROSULFIDE SOL.
3	ILD074399684	U226	1,600	L	Y	S01	WASTE 1,1,1 TRICHLOROETHANE
4	ILD074399684	U210	400	L	Y	S01	WASTE TETRACHLOROETHYLENE
5	ILD074399684	U211	20.00	L	Y	S01	WASTE CARBON TETRACHLORIDE

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)*

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

039!

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY
REPORT YEAR: 198

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	D001	2.20	P	Y	S01	WASTE AMMONIUM DICHROMATE
2	MND046930277	D001	23.00	P	Y	S01	WASTE FLAMMABLE LIQUID NOS
3	MND046930277	D001	208.00	L	Y	S01	WASTE FLAMMABLE LIQUID NOS
4	MND046930277	U002	1.00	L	Y	S01	WASTE ACETONE
5	MND046930277	D001	48.00	L	Y	S01	WASTE ISOPROPANOL

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C F:26 - F.4 (g)*

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD
1	MND046930277	U117	12.00	L	Y	S01
	DESCRIPTION OF WASTE: WASTE ETHYL ETHER					
2	MND046930277	U122	56.00	P	N	S01 T31
	DESCRIPTION OF WASTE: WASTE FORMALDEHYIDE SOLUTION					
3	MND046930277	U122	1.72	L	N	S01 T31
	DESCRIPTION OF WASTE: WASTE FORMALDEHYDE SOLUTION					
4	MND046930277	U151	0.25	P	N	S01
	DESCRIPTION OF WASTE: WASTE METALLIC MERCURY					
5	MND046930277	D002	59.00	L	N	S01 T31
	DESCRIPTION OF WASTE: WASTE CORROSIVE LIQUID NOS					

NOTE: This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY
REPORT YEAR: 19 8

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	MND046930277	D002	133.00	L	N	S01 T31	WASTE SODIUM HYDROXIDE SOLUTION
2	MND046930277	X850	1.00	L	Y	S01	WASTE POISONOUS LIQUID NOS
3	MND046930277	D001	12.00	L	Y	S01	WASTE ISOPENTANE
4	MND046930277	U122	47.00	P	Y	S01	WASTE ETHYL ACETATE
5	MND046930277	D002	16.00	P	N	S01 T31	WASTE PERCHLORIC ACID

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)*

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

NJD004362059	FISHER SCIENTIFIC COMPANY

GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1 MND046930277	X940	1500	P	Y	S01	WASTE NICKEL CHLORIDE
2 MND046930277	D002	200	L	N	S01 T31	WASTE TRICHLORICACETIC ACID SOL.
3 MND046930277	D001	500	L	N	S01 T31	WASTE HYDROGEN PEROXIDE
4 MND046930277	D002	8400	L	N	S01 T31	WASTE HYDROCHLORIC ACID
5 MND046930277	U226	4300	P	Y	S01	WASTE 1,1,1-TRICHLOROETHANE

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)*

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY
REPORT YEAR: 198

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	MND046930277	D001	500	P	Y	S01	RQ WASTE HAZARDOUS SUBSTANCE
2	MND046930277	U228	2000	L	Y	S01	WASTE TRICHLOROETHYLENE
3		D002	1200	L	N	S01 T31	WASTE HYPOCHLORITE SOLUTION
4	MND046930277	D002	2000	L	N	S01 T31	WASTE POTASSIUM HYDROXIDE SOLUTION.
5	MND046930277	D001	800	L	Y	S01	WASTE HEXANE

NOTE: This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY
REPORT YEAR: 19 8

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	MND046930277	D001	12,00	L	Y	S01	WASTE ALCOHOL NOS
2	MND046930277	D001	20,00	L	Y	S01	WASTE DENATURED ALCOHOL
3	MND046930277	D002	3,50	L	N	S01 T31	WASTE ACETIC ACID, GLACIAL
4							
5							

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)*

NEW JERSEY DEPARTMENT EN. ONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III - SUPPLEMENT
GENERATOR LISTING

0395

READ ALL ENCLOSED INSTRUCTIONS BEFORE FILLING OUT REPORT FORM

EPA ID NUMBER	FACILITY NAME	REPORT YEAR
NJD043620599	FISHER SCIENTIFIC COMPANY	1988

	GENERATOR EPA ID NUMBER	GENERATOR NAME	MANIFESTS RECEIVED
1	ILD074399684	FISHER SCIENTIFIC COMPANY	NJA0248616
	GENERATOR STREET ADDRESS →	1600 WEST GLEN LAKE AVENUE	NJA0264617
	GENERATOR CITY / STATE / ZIP CODE →	CITY ITASCA STATE IL ZIP CODE 60143	NJA0264617
2	ILD074399684	SAME AS ABOVE	NJA0264617
	GENERATOR STREET ADDRESS →		NJA9264629
	GENERATOR CITY / STATE / ZIP CODE →	CITY STATE ZIP CODE	
3	MND046930277	FISHER SCIENTIFIC COMPANY	NJA0346549
	GENERATOR STREET ADDRESS →	10230 WEST 70TH STREET	NJA0346551
	GENERATOR CITY / STATE / ZIP CODE →	CITY EDEN PRAIRIE STATE MN ZIP CODE 55344	NJA0346551
4	MND046930277	SAME AS ABOVE	NJA0346552
	GENERATOR STREET ADDRESS →		
	GENERATOR CITY / STATE / ZIP CODE →	CITY STATE ZIP CODE	
5			
	GENERATOR STREET ADDRESS →		
	GENERATOR CITY / STATE / ZIP CODE →	CITY STATE ZIP CODE	
6			
	GENERATOR STREET ADDRESS →		
	GENERATOR CITY / STATE / ZIP CODE →	CITY STATE ZIP CODE	
7			
	GENERATOR STREET ADDRESS →		
	GENERATOR CITY / STATE / ZIP CODE →	CITY STATE ZIP CODE	
8			
	GENERATOR STREET ADDRESS →		
	GENERATOR CITY / STATE / ZIP CODE →	CITY STATE ZIP CODE	

FisherScientific
CHEMICAL DIVISION 1 REAGENT LANE FAIR LAWN, NJ 07410

No. 003794

VOUCHER NO.	VENDOR INVOICE DATE	NUMBER	AMOUNT	DISCOUNT	PAYMENT AMOUNT
175972	04/09/90	BPF WASTE	300.00	0.00	300.00
175973	04/09/90	FL WASTE	400.00	0.00	400.00

DETACH BEFORE DEPOSITING

TOTAL PAID → 700.00

FisherScientific
CHEMICAL DIVISION
1 REAGENT LANE
FAIR LAWN, NJ 07410

NATIONAL COMMUNITY BANK
FAIRLAWN, NEW JERSEY

No. 003794

CHECK DATE	CHECK NO.	CHECK AMOUNT
04/10/90	00072401	******700.00

PAY

SEVEN HUNDRED AND 00/100 DOLLARS

\$50.00 OR LESS REQUIRES ONE SIGNATURE

AUTHORIZED SIGNATURE

TO THE ORDER OF
TREASURER, STATE OF NJ
DEPT. ENVIRONMENTAL PROTECTION
401 E. STATE ST.
TRENTON, NJ
08625

⑈003794⑈ ⑆021202719⑆ 00070 386 9⑈

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
WASTE SUMMARY FORM

Generator (Company) Name Fisher Scientific Company

US EPA ID Number NJD 004 362 059

Directions

Please indicate below the total quantity of hazardous waste manifested during the 1989 report year for each unit of measure. Enter the units of measure as they appeared in item #14 of the manifest. Do not convert one form of unit of measure to another.

63,463 G - Gallons (liquids only)

372,980 P - Pounds

_____ T - Tons

16 Y - Cubic Yards

_____ L - Liters (Liquids only)

_____ K - Kilograms

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
CERTIFICATION FORM

ITEM 1 USEPA Identification Number: NJD 004 362 059

ITEM 2 Generator (Company) Name: Fisher Scientific Company

ITEM 3 Contact Person: Janice M. Tirpack

ITEM 4 Phone Number: (201) 796-7100

ITEM 5 Certification:

I certify that the information given in this annual report is true, accurate and complete.

Janice M. Tirpack	Jan M. Tirpack	5/30/90
(Print or type name)	(Signature)	(Date)

ITEM 6

A ☐ This site (company) generated less than 1.33 tons of hazardous waste for the calendar year 1989 (No Fee)

B ☐ This site (company) generated greater than 1.33 tons of hazardous waste but less than 10 tons of hazardous waste during the calendar year 1989 (Fee $200)

C ☐ This site (company) generated greater than 10 tons of hazardous but less than 100 tons of hazardous waste during the calendar year (Fee $300)

D ☒ This site (company) generated greater than 100 tons of hazardous waste during the calendar year (Fee $400)

ITEM 7 Federal Vendor Identification Number

* Please submit check with your completed report.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Environmental Transfer Corp. EPA ID No.: NJD991291584

6. TSD Facility Name: Advanced Environmental Tech. Corp. EPA ID No.: NJD080631369

8. TSD Address: Gold Mine Road, Flanders, NJ 07836

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D001	RQ Waste Ammonium Sulfide Solution	Flammable Liquid	2,900	P
D001	RQ Waste Flammable Solid NOS	Flammable Solid	2,600	P
D002	RQ Waste Corrosive Liquid NOS	Corrosive Material	4,705	P
D002	Waste Corrosive Solid	Corrosive Material	400	P
D003	RQ Waste Aluminum Chloride, Anhydrous	Corrosive Material	435	P
D007	Hazardous Waste Solid NOS	ORM-E	450	P
D003	Waste Phosphoric Anhydride	Corrosive	150	P
D008	RQ Hazardous Solid NOS	ORM-E	3,400	P
D009	Waste Poison B Liquid	Poison B	1,200	P
F002	Waste ORM-A	ORM-A	400	P
F003	Waste Flammable Solid NOS	Flammable Solid	300	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Environmental Transfer Corp. EPA ID No.: NJD991291584

6. TSD Facility Name: Advanced Environmental Tech. Corp. EPA ID No.: NJD080631369

8. TSD Address: 125 Factory Lane, Middlesex, NJ 08846

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
U122	Waste Formal-dehyde Soln.	ORM-A	1,200	P
U147	Waste Maleic Anhydride	ORM-A	400	P
X725	Hazardous Waste Solid NOS (Gravel, Dirt, Speedy Dry, Machine Oils)	ORM-E	1,600	P
X900	Waste Chemicals NOS, DOT Non-Regulated (Oleic Acid/Water)	NONE	400	P
X910	Waste Chemicals NOS, DOT Non-Regulated (Sod. Bitarate) (Sod. Phosphate) (Thionyl Chloride)	NONE	1,100	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Calgon Carbon Corp. 5. EPA ID No.: PAD004319810

6. TSD Facility Name: Calgon Carbon Corp. 7. EPA ID No.: PAD000736942

8. TSD Address: 200 Neville Road, Neville Island, PA

9.	A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
	F001/F002 F003/F005	Hazardous Waste Solid NOS	ORM-E	45,000	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Env. Transfer Corp. 5. EPA ID No.: NJD000692061

6. TSD Facility Name: Chem. Waste Mgmt. 7. EPA ID No.: ALD000622464

8. TSD Address: Emelle Facility, Emelle, Alabama 35459

9.	A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
	U019/U028 U188/U128 D007	Hazardous Waste Solid, NOS + Soil, Concrete (greater than 99%)	ORM-E	169,790	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Freehold Cartage Inc. 5. EPA ID No.: NJD054126164

6. TSD Facility Name: Chem. Waste Mgmt. 7. EPA ID No.: ALD000622464

8. TSD Address: Emelle Facility, Emelle, Alabama 35459

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
U019/U028 U190/U128 D007 + Soil, Concrete (greater than 99%)	Hazardous Waste Solid, NOS	ORM-E	16	CY

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Suttles Truck Leasing, Inc. 5. EPA ID No.: ALD095704011

6. TSD Facility Name: ENSCO Env. Svcs. of Ga. 7. EPA ID No.: GAD000222083

8. TSD Address: 1015 New South Harris, Dalton, GA 30720

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D001/U108 U031/F005	Waste Flammable Liquid, NOS (Pyridine, Carbon Disulfide)	Flammable Liquid	1,800	P
D001	Waste Trimethyl-chloro-silane	Flammable Liquid	80	P
D001	Waste Diisopropylamine	Flammable Liquid	100	P
D001	Waste Potassium Permanganate	Oxidizer	100	P
D001	Waste Oxidizing Material (Calcium, Sodium, Nitrate)	Oxidizer	300	P
D001	Waste Flammable Solid, NOS (Sodium Sulfide, Magnesium Ribbon)	Flammable Solid	200	P
D001	Waste Sodium Metal	Flammable Solid	40	P
D001	Waste Flammable Solid, NOS (Iron Oxide)	Flammable Solid	100	P
D001	Waste Sodium Sulfide, Anhydrous	Flammable Solid	200	P
D002	Waste Corrosive Liquid, NOS (Acetic Acid, O-Cresol)	Corrosive Material	1,800	P
D002	Waste Octadecyl-trichlorosilane	Corrosive Material	100	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Suttles Truck Leasing, Inc. EPA ID No.: ALD095704011

6. TSD Facility Name: ENSCO Env. Scs. of Ga. 7. EPA ID No.: GAD000222083

8. TSD Address: 1015 New South Harris, Dalton, Ga 30720

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D002	Waste Acetic Acid, Glacial	Corrosive Material	100	P
D002	Waste Octyltrichlorosilane	Corrosive Material	135	P
D002	Waste Titanium Tetrachloride	Corrosive Material	100	P
D002	Waste Alkaline Liquid, NOS (NaOH, KOH)	Corrosive Material	100	P
D002	Waste Corrosive Solid, NOS (Phosphorous pentoxide, Aluminum Chloride)	Corrosive Material	800	P
D002	Waste Corrosive Solid, NOS (Iodine)	Corrosive Material	400	P
D002	Waste Phosphoric Anhydride	Corrosive Material	200	P
D009	Waste Poisonous Liquid, NOS (Mercuric Chloride, Potassium Iodide)	Poison B	1,100	P
D009	Waste Mercuric Oxide, Solid NOS	Poison B	200	P
D009	Waste Mercury Compound, Solid NOS (Mercuric Chloride, Mercuric Iodide)	Poison B	400	P
P012	Waste Arsenic Trioxide	Poison B	100	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Suttles Trick Leasing, Inc. EPA ID No.: ALD095704011

6. TSD Facility Name: ENSCO Env. Svcs. of Ga. 7. EPA ID No.: GAD000222083

8. TSD Address: 1015 New South Harris, Dalton, Ga. 30720

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
P012/U188 D007	Waste Poisonous Solid, NOS (Acrylamide, Arsenic Trioxide)	Poison B	3,200	P
U019	Waste Benzene	Flammable Liquid	100	P
U052	Waste Cresol	Corrosive Material	400	P
U134	Wate Hydro-fluoric Acid Solution	Corrosive Material	900	P
U196	Waste Pyridine	Flammable Liquid	100	P
NONE	Waste Poisonous Solid, NOS (Cupric Sulfate, Barium Chloride)	Poison B	400	P
NR/EPA	Waste Irritating Agents, NOS (Cotyltrimethyl Ammonium Bromide, Cotyl Alcohol)	Irritating Agent	500	P
NR/EPA	Waste Com-bustible Liquid NOS (N-Dimethylformide Bromobenzene)	Combustible Liquid	500	P
NR/EPA	Waste ORM-B,NOS (Sodium Silicofluoride)	ORM-B	100	P
NR/EPA	Waste ORM-B, NOS (Dihydrazine Sulfate)	ORM-B	300	P
NR/EPA	Hazardous Waste Liquid, NOS (Hydrogen Sulfide Aqueous Soln.)	ORM-E	100	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Suttles Truck Leasing, Inc. 5. EPA ID No.: ALD095704011

6. TSD Facility Name: ENSCO Env. Svcs. of Ga. 7. EPA ID No.: GAD000222083

8. TSD Address: 1015 New South Harris, Dalton, Ga 30720

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
NR/EPA	Hazardous Waste Solid, NOS (Nickel Chloride, Silver Carbonate)	ORM-E	300	P
NR/EPA	Non-Regulated Material	Non-Regulated	1,000	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Svcs. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: Marisol, Inc.. 7. EPA ID No.: NJD002454544

8. TSD Address: 125 Factory Lane, Middlesex, NJ 08846

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
F002	RQ Hazardous Waste Liquid NOS (Methylene Chloride, Trichloroethane, 1,1,1 Trichloroethane)	ORM-E	11,500	P
F002	RQ Hazardous Waste Liquid, NOS (Methylene Chloride, Trichloroethane)	ORM-E	21,300	P
U044	Waste Chloroform RQ	ORM-A	14,100	P
U080	Waste Methylene Chloride, RQ	ORM-A	9,900	P
U080	RQ, Waste ORM-A NOS (Methylene Chloride, Chloroform, Trichloroethylene)	ORM-A	6,600	P
U211	RQ, Waste Carbon Tetrachloride	ORM-A	6,600	P
U228	RQ, Waste Trichloroethylene	ORM-A	1,200	P
X722	Waste Oil NOS (Heating Oil & Water)	Combustible Liquid	500	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Marisol, Inc. 5. EPA ID No.: NJD002454544

6. TSD Facility Name: Marisol, Inc. 7. EPA ID No.: NJD002454544

8. TSD Address: 125 Factory Lane, Middlesex, NJ 08846

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
F003	Waste Flammable Liquid, NOS (Methanol, Xylene, Toluene, Acetone, Ethyl Acetate, Acetonitrile, Hexane)	Flammable Liquid	17,936	G
F005	Waste Flammable Liquid, NOS (Methanol, ACetonitrile, Hexane, Toluene, Heptane, Xylene, MEK)	Flammable Liquid	35,695	G
F003/F005	Waste Flammable Liquid, NOS (Alcohols, Methanol, Hexane, Heptane, Acetonitrile, Toluene, Xylene, Octane, Acetone)	Flammable Liquid	4,272	G

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Service 5. EPA ID No.: NJD000692343

6. TSD Facility Name: Thermalkem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, RockHill, SC 29730

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D001	Waste Oxidizer NOS (Potassium Permanganate, Potassium Nitrate)	Oxidizer	320	P
D001	Waste Silver Nitrate, Oxidizer, NOS	Oxidizer	75	P
D001	Waste Oxidizer NOS (Sodium Nitrate, Potassium Persulfate)	Oxidizer	650	P
D001	Waste Oxidizer NOS (Nickel Nitrate, Sodium Nitrate)	Oxidizer	880	P
D001	Waste Ammonium Persulfate	Oxidizer	310	P
D001	Waste Ferric Nitrate	Oxidizer	50	P
D001	Waste Oxidizer NOS (Sodium Nitrate, Ferric Nitrate)	Oxidizer	50	P
D001	Waste Oxidizer NOS (Ammonium Peroxydisulfate, Sodium Nitrate)	Oxidizer	250	P
D001	Waste Flammable Solid, NOS (Sodium Methylate, Magnesium Metal)	Flammable Solid	225	P
D001	Waste Flammable Solid, NOS (Sodium Sulfide)	Flammable Solid	75	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Service 5. EPA ID No.: NJD000692343

6. TSD Facility Name: Thermalkem Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, Rockhill, SC 29730

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D001	Waste Flammable Solid, NOS (Zinc Metal, Sodium Sulfide)	Flammable Solid	150	P
D001	Waste Combustible Liquid, NOS (N,N-Dimethyl Formamide, Benzyl Alcohol)	Combustible Liquid	75	P
D001	Waste Paint Related Material	Flammable Liquid	75	P
D001	Waste Acetaldehyde	Flammable Liquid	20	P
D001	Waste Cupric Nitrate	Oxidizer	10	P
D001	Waste Magnesium Metal	Flammable Solid	20	P
D001	Waste Aluminum Metallic Powder	Flammable Solid	20	P
D001	Waste Combustible Liquid, NOS (1,2,4 Trimethylbenzene, Dimethylsulfoxide)	Combustible Liquid	155	P
D001/U108	Waste Flammable Liquid, NOS (1,4 Dioxane, Acetonitrile)	Flammable Liquid	1,275	P
D001/U001	Waste Flammable Liquid, Poisonous, NOS (Ethanol, Potassium Thiocyanate)	Flammable Liquid	75	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Svsc. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: ThermalKem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, Rock Hill, SC 29730

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D001/D002	Waste Flammable Liquid, NOS Corrosive (Octadecyul Trichlorosilane, Methanol)	Flammable Liquid	75	P
D001/D003	Waste Flammable Solid, NOS (Sodium Borohydride)	Flammable Solid	20	P
D001/F003	Waste Flammable Liquid, NOS (Xylene, Carbon Disulfide)	Flammable Liquid	75	P
D001/F003	Waste Flammable Liquid, NOS (Xylene, Acetone)	Flammable Liquid	900	P
D001/D007	RQ Waste Flammable Solid NOS (Sodium Hydrosulfite, Sodium Borohydride, Chromium Metal)	Flammable Solid	300	P
D001/U108	Waste Flammable Liquid, NOS (N-Butyl Chloride, 1,4-Dioxane)	Flammable Liquid	75	P
D001/D008	RQ Waste Lead Nitrate	Oxidizer	10	P
D001/D007	Waste Flammable Solid, NOS (Zinc Powder, Chromium Powder)	Flammable Solid	760	P
D002	Waste Corrosive Liquid (Bromine, Dimethylsulfate)	Corrosive Material	2,100	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Svcs. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: ThermalKem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 4, Vernesdale Road, Rock Hill, SC 29730

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D002	Waste Bromine	Corrosive Material	1,595	P
D002	Waste Corrosive Solid, NOS (Trichloroacetic acid, Chloroacetic Acid)	Corrosive Material	975	P
D002	Waste Phosphoric Anhydride	Corrosive Material	75	P
D002	Waste Corrosive Liquid, NOS (Bromine, Benzoyl Chloride)	Corrosive Material	320	P
D002	Waste Corrosive Solid, NOS (Potassium Hydroxide, Sodium Hydroxide)	Corrosive Material	525	P
D002	Waste Trichloro-Acetic Acid	Corrosive Material	75	P
D002	Waste Corrosive Solid, NOS (Trichloroacetic Acid, Iodine)	Corrosive Material	545	P
D002	Waste Alkaline (Corrosive) Liquid, NOS (Barium Hydroxide)	Corrosive Material	150	P
D002	Waste Corrosive Liquid, NOS (Chlorosulfonic Acid, Bromine)	Corrosive Material	75	P
D002	Waste Corrosive Solid, NOS (Iodine, Sodium Hydroxide)	Corrosive Material	375	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Svcs 5. EPA ID No.: NJD000692343

6. TSD Facility Name: Thermalkem Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Rockhill, Vernesdale Road, Rock Hill, SC 29730

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D002	Waste Phosphorous Pentachloride	Corrosive Material	40	P
D002	Waste Corrosive Solid, NOS (Antimony Trichloride, Phosphorous Pentoxide)	Corrosive Material	525	P
D002	Waste Corrosive Liquid, NOS (N-Butyl Phosphate, Ethanolamine)	Corrosive Material	1,275	P
D002	Waste Thionyl Chloride	Corrosive Material	20	P
D002	Waste Hydrazine Aqueous Soln.	Corrosive Material	40	P
D002	Waste Corrosive Solid, NOS (Chloroacetic Acid, Hydrazine Sulfate Powder)	Corrosive Material	20	P
D002	Waste Corrosive Liquid, NOS (Chlorine Water, Acetic Anhydride)	Corrosive Material	455	P
D002	Waste Alkaline (Corrosive) Liquid, NOS (Sodium Hydroxide Solution, Diethanolamine)	Corrosive Material	95	P
D002/D007	Waste Corrosive RQ, Liquid, NOS (Chromic Acid Solution, Bromine)	Corrosive Material	375	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perritte Freight Svcs. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: Thermalkem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, Rock Hill, SC 29730

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D002/6666	Waste Corrosive Liquid Poisonous Material NOS (Nitrobenzene in Acetic Acid Soln.)	Corrosive	20	P
D006/D008	Hazardous Waste Solid, NOS (Cadmium Metal, Lead Metal)	ORM-E	60	P
D008/U007	Hazardous Waste RQ, Solid, NOS (Acrylamide, Lead)	ORM-E	2,025	P
D009	Waste Poisonous Liquid NOS (Pot. Iodide, Mercuric Iodide Soln.)	Poison-B	75	P
D006/U188	RQ Waste Poisonous Solid NOS (Phenol, Cadmium Metal)	Poison B	450	P
D005/D011	Waste Poisonous Solid NOS (Barioum Hydroxide, Silver Sulfate)	Poison B	225	P
D005/6666	Waste Poisonous Liquid, NOS (N,N-Dimethylaniline, Barium Sulfate Solution)	Poison B	190	P
D008/U201	RQ Hazardous Waste Solid, NOS (Resorcinol, Lead Metal)	ORM-E	675	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Svcs. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: ThermalKem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, Rock Hill, SC 29730

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
F003/P022	Waste Flammable Liquid, NOS (Carbon Disulfide, Xylene)	Flammable Liquid	150	P
F003/U077	Waste Flammable Liqiud, NOS (Ethylene Dichloride, Diethylamine)	Flammable Liquid	750	P
D008/U007	RQ Hazardous Waste Solid, NOS (Acrylamide, Lead Oxide)	ORM-E	1,845	P
F003/U196	Waste Flammable Liquid, NOS (Xylene, Pyridine)	Flammable Liquid	170	P
P098	Waste Potassium Cyanide Soln.	Poison B	150	P
P098	Waste Cyanide Mixture, Dry	Poison B	300	P
P098/P104	Waste Cyanide Soln., NOS (Potassium Cyanide, Silver Cyanide)	Poison B	225	P
P018/U188	Waste Poisonous Solid, NOS (Phenol, Brucine)	Poison B	450	P
P077/U188	Waste Poisonous Solid, NOS (Phenol, 2-Nitroaniline)	Poison B	825	P
U067	RQ Waste Ethylene Di-Bromide	Poison B	75	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Svcs. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: ThermalKem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, Rock Hill, SC 29730

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
U188	Waste Phenol Liquid	Poison B	525	P
U012	Waste Aniline	Poison B	20	P
U012/U188	Waste Poisonous Liquid, NOS (Phenol, Aniline)	Poison B	1,125	P
U007/U188	Waste Poisonous Solid, NOS (Phenol, Acrylamide)	Poison B	225	P
U165/U072	Waste ORM-A, NOS (Napthalene, p-Dichlorobenzene)	ORM-A	190	P
U220/U196	Waste Flammable Liquid, NOS (Pyridine, Toluene)	Flammable Liquid	75	P
U182/U165	Waste ORM-A, NOS (Paraformadehyde, Napthalene)	ORM-A	375	P
U019/U162	Waste Flammable Liquid, NOS (Methyl Methacrylate Monomer Inhibiter)	Flammable Liquid	1,500	P
U210/U070	Waste ORM-A, (Tetrachloroethylene, o-Dichlorobenzene)	ORM-A	75	P
U220/U239	Waste Flammable Liquid, NOS (Toluene, Xylene)	Flammable Liquid	225	P
U188/6666	Waste Poisonous Solid, NOS (Phenol, Resorcinol)	Poison B	1,350	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Svcs. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: ThermalKem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, Rock Hill, SC 29370

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
U188/6666	Waste Poisonous Solid, NOS (Phenol, Molybdic Anhydride)	Poison B	150	P
U007/6666	Hazardous Waste Liquid, NOS (Bis-Acrylamide, Dimethyl Sulfoxide)	ORM-E	660	P
U007/6666	Hazardous Waste Solid, NOS (Bis-Acrylamide, Antimony Trioxide)	ORM-E	3,525	P
U007/6666	Hazardous Waste Solid, NOS (Acrylamide, Aluminum Sulfate)	ORM-E	1,200	P
U007/6666	Hazardous Waste Solid, NOS (1-Amino, 2-Napthol-4 Sulfonic Acid)	ORM-E	600	P
U072/6666	Waste ORM-A NOS, (Potassium Dichormate, P-Dichlorobenzene)	ORM-A	1,050	P
U225/6666	Hazardous Waste Liquid, NOS (Quinoline, Bromoform)	ORM-E	75	P
6666	Waste Para-formaldehyude	ORM-A	150	P
6666	Waste ORM-A (Maleic Anhydride Napthalene)	ORM-A	75	P
6666	Waste Antimony Trioxide, NOS	ORM-E	1,575	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Co. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: ThermalKem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, Rock Hill, SC 29730

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
6666	Waste Sulfur Solid	ORM-C	75	P
6666	Waste Irritating Agent, NOS (N-Bromosuccinimide)	Irritating Material	225	P
6666	Waste Potassium Fluoride	ORM-B	225	P
6666	Waste ORM-A NOS (Sodium Dichromate, Paraformaldehyde)	ORM-A	150	P
6666	Waste Poisonous Liquid, NOS (Ethylene Bromide, Potassium Ferrocyanide)	Poison B	75	P
6666	Waste Stannous Chloride	ORM-B	675	P
6666	Waste ORM-B NOS (Stannous Chloride, Zinc Chloride)	ORM-B	75	P
6666	Waste Poisonous Liquid, NOS (Brucine Sulfate Solution, Hydrogen Sulfide Solution)	Poison-B	225	P
6666	Waste ORM-B NOS (Stannous Chloride, Cupric Chloride)	ORM-B	300	P
6666	Hazardous Waste Liquid, NOS (Hydrogen Sulfide Solution, Acrylamide Solution)	ORM-E	375	P
6666	Waste Calcium Oxide	ORM-B	75	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD0043623059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Svcs. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: ThermalKem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, Rock Hill, SC 29730

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
6666	Waste ORM-B NOS (Ferric Chloride, Stannous Chloride)	ORM-B	225	P
6666	Hazardous Waste Liquid, NOS (5% Hydrogen Sulfide Aqueous Solution)	ORM-E	75	P
6666	Waste Irritating Agent, NOS (Glutaraldehyde, Methylaminophenol)	Irritant	20	P
6666	Waste ORM-B NOS (Cupric Chloride, Ferric Chloride)	ORM-B	320	P
6666	Waste Acetylene Tetrabromide	ORM-A	75	P
6666	Hazardous Waste Liquid, NOS (1-Methyl-2-Pyrrolidinone, 1-Iodopropane)	ORM-E	170	P
7777	Non-Regulated Material (DOT-RCRA)	Non-Regulated	7,725	P

OMB#: Expires

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company

Fair Lawn, NJ

EPA ID NO.: NJD004362059

DRAFT
8-25-89

FORM
IC

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Waste Minimization Report

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 6 of the 1989 Hazardous Waste Report booklet before completing this form.

SEC. I Site name and location address. Complete items A through H. Check the box ☒ in items A, B, D, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 6.

A. EPA ID No. — Same as label ☐ or → NJD004362059

B. Site/company name — Same as label ☐ or → Fisher Scientific Company

C. Has the site name associated with this EPA ID changed since 1987? ☐ 1 Yes ☒ 2 No

D. Street name and number. If not applicable, enter industrial park, building name or other physical location description. Same as label ☐ or → 1 Reagent Lane

E. City, town, village, etc. — Same as label ☐ or → Fair Lawn

F. County: Bergen

G. State — Same as label ☐: NJ

H. Zip Code — Same as label ☐: 07410-

SEC. II Mailing address of site. Instruction page 6.

A. Is the mailing address the same as the location address? ☒ 1 Yes (SKIP TO SEC. III) ☐ 2 No (COMPLETE SEC. II)

B. Number and street name of mailing address

C. City, town, village, etc.

D. State

E. Zip Code

SEC. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 6.

A. Please print: Last name	First name	M.I.	B. Title	C. Telephone
Tirpack	Janice	M.	Manager	201 796-7101 Extension 2918

SEC. IV Enter the Standard Industrial Classification (SIC) Code that describes the principal products, group of products, produced or distributed, or the services rendered at the site's physical location. Enter more than one SIC Code only if no one industry description includes the combined activities of the site. Instruction page 7.

A.	B.	C.	D.
2916			

SEC. V I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. Number of form pages submitted — Form IC: 12 Form WM:

B. Please print: Last name	First name	M.I.	C. Title
Tirpack	Janice	M.	Manager

D. Signature: Janice M. Tirpack

E. Date of signature: 05 29 90 (MO. DAY YR.)

EPA Form Revised

OVER →

Sec. VI Waste Minimization Activity during 1988 or 1989

A. Did this site begin or expand a source reduction activity during 1988 or 1989? Instruction page 8

- ☐ 1 Yes
- ☒ 2 No

B. Did this site begin or expand a recycling activity during 1988 or 1989? Page 8

- ☐ 1 Yes
- ☒ 2 No

C. Did this site conduct a source reduction or recycling opportunity assessment during 1988 or 1989? Page 8

- ☒ 1 Yes
- ☐ 2 No

D. What factors have limited this site from initiating new source reduction activities during 1988 or 1989? (CHECK ALL THAT APPLY) Page 8

- ☐ 01 No factors have limited new source reduction activities.
- ☐ 02 Insufficient capital to install new source reduction equipment or implement new source reduction practices.
- ☐ 03 Lack of technical information on source reduction techniques, applicable to my specific production processes.
- ☐ 04 Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☒ 05 Concern that product quality may decline as a result of source reduction.
- ☒ 06 Technical limitations of the production processes.
- ☐ 07 Permitting burdens.
- ☐ 08 Other (SPECIFY IN COMMENTS)

E. What factors have limited this site from initiating new on-site or off-site recycling activities during 1988 or 1989? (CHECK ALL THAT APPLY) Page 8

- ☐ 01 No factors have limited new recycling activities.
- ☐ 02 Insufficient capital to install new recycling equipment or implement new recycling practices.
- ☒ 03 Lack of technical information on recycling techniques applicable to this site's specific production processes.
- ☐ 04 Recycling is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☐ 05 Concern that product quality may decline as a result of recycling.
- ☐ 06 Requirements to manifest wastes inhibit shipments off site for recycling.
- ☐ 07 Financial liability provisions inhibit shipments off site for recycling.
- ☐ 08 Technical limitations of product processes inhibit shipments off site for recycling.
- ☐ 09 Techical limitations of production processes inhibit on-site recycling.
- ☐ 10 Permitting burdens inhibit recycling.
- ☐ 11 Lack of permitted off-site recycling facilities.
- ☐ 12 Unable to identify a market for recyclable materials.
- ☐ 13 Other (SPECIFY IN COMMENTS)

Comments: Fisher Scientific contracted a major waste management firm in December, 1989 to conduct an overall waste reduction survey of processes, byproducts and waste management practices. Implementation of the results of this survey should be reflected in early 1990. Some of the results include source reduction considerations, increased recycling opportunities and technical consideration.

FisherChemical
Fisher Scientific

1 Reagent Lane
Fair Lawn, NJ 07410

May 1, 1990

State of New Jersey
Department of Environmental Protection
Division of Hazardous Waste Management
401 East State Street
5th Floor, CN028
Trenton, NJ 08625

ATTN: Manifest Section - Annual Reports

To whom it may concern:

This letter is to serve as a written request for an extension for the submittal of the Annual Generator and Waste Minimization Reports for the following facilities:

Fisher Scientific Company
1 Reagent Lane
Fair Lawn, NJ 07410
EPA ID No. NJD004362059

Fisher Scientific Company
755 Route 202
Somerville, NJ 08876
EPA ID No. NJD052207982

The reports will be submitted on or before May 15, 1990. Thank you for your understanding in this matter.

Sincerely yours,

FISHER SCIENTIFIC COMPANY

Janice M. Tirpack
Manager, Environmental Affairs

JMT/ns

FisherChemical
Fisher Scientific

1 Reagent Lane
Fair Lawn, NJ 07410

May 29, 1990

State of New Jersey
Department of Environmental Protection
Division of Hazardous Waste Management
401 East State Street - Fifth Floor
CN028
Trenton, NJ 08625

ATTN: Manifest Section - Annual Reports

RE: Fisher Scientific Company
Fair Lawn, New Jersey
EPA ID No. NJD004362059
1989 Generator Annual Report

Fisher Scientific Company
Bridgewater, New Jersey
EPA ID No. NJD052207982
1989 Generator Annual Report

Dear Sir/Madam,

Please find enclosed the Generator Annual Reports for the Fisher Scientific Company facilities listed above. A check in the amount of $700.00 has been enclosed to cover processing fees.

Should you have any questions or require more information, please contact me at (201) 796-7100, Ext. 298.

Sincerely,

FISHER SCIENTIFIC COMPANY

Janice M. Tirpack
Manager, Environmental Affairs

JMT/ns
Enclosures

cc: F. Poliferno
G. Rayer
T. Tisa

Fisher Scientific
CHEMICAL DIVISION 1 REAGENT LANE FAIR LAWN, NJ 07410

No. 003794

VOUCHER NO.	VENDOR INVOICE DATE	NUMBER	AMOUNT	DISCOUNT	PAYMENT AMOUNT
175972	04/09/90	BPF WASTE	300.00	0.00	300.00
175973	04/09/90	FL WASTE	400.00	0.00	400.00

DETACH BEFORE DEPOSITING

TOTAL PAID → 700.00

Fisher Scientific
CHEMICAL DIVISION
1 REAGENT LANE
FAIR LAWN, NJ 07410

NATIONAL COMMUNITY BANK
FAIRLAWN, NEW JERSEY

No. 003794

CHECK DATE	CHECK NO.	CHECK AMOUNT
04/10/90	00072401	******700.00

PAY

SEVEN HUNDRED AND 00/100 DOLLARS

Noreen Lorenzo
$50.00 OR LESS REQUIRES ONE SIGNATURE

G. Allen Ruzzo
AUTHORIZED SIGNATURE

TO THE ORDER OF
TREASURER, STATE OF NJ
DEPT. ENVIRONMENTAL PROTECTION
401 E. STATE ST.
TRENTON, NJ
08625

"003794" :021202719: 00070 386 9"

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
WASTE SUMMARY FORM

Generator (Company) Name Fisher Scientific Company

US EPA ID Number NJD 004 362 059

Directions

Please indicate below the total quantity of hazardous waste manifested during the 1989 report year for each unit of measure. Enter the units of measure as they appeared in item #14 of the manifest. Do not convert one form of unit of measure to another.

63,463 G - Gallons (liquids only)

372,980 P - Pounds

_____ T - Tons

16 Y - Cubic Yards

_____ L - Liters (Liquids only)

_____ K - Kilograms

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
CERTIFICATION FORM

ITEM 1 USEPA Identification Number: NJD 004 362 059

ITEM 2 Generator (Company) Name: Fisher Scientific Company

ITEM 3 Contact Person: Janice M. Tirpack

ITEM 4 Phone Number: (201) 796-7100

ITEM 5 Certification:

I certify that the information given in this annual report is true, accurate and complete.

Janice M. Tirpack	Jan M. Tirpack	5/30/90
(Print or type name)	(Signature)	(Date)

ITEM 6

A ☐ This site (company) generated less than 1.33 tons of hazardous waste for the calendar year 1989 (No Fee)

B ☐ This site (company) generated greater than 1.33 tons of hazardous waste but less than 10 tons of hazardous waste during the calendar year 1989 (Fee $200)

C ☐ This site (company) generated greater than 10 tons of hazardous but less than 100 tons of hazardous waste during the calendar year (Fee $300)

D ☒ This site (company) generated greater than 100 tons of hazardous waste during the calendar year (Fee $400)

ITEM 7 Federal Vendor Identification Number

* Please submit check with your completed report.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Environmental Transfer Corp. EPA ID No.: NJD991291584

6. TSD Facility Name: Advanced Environmental Tech. Corp. EPA ID No.: NJD080631369

8. TSD Address: Gold Mine Road, Flanders, NJ 07836

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D001	RQ Waste Ammonium Sulfide Solution	Flammable Liquid	2,900	P
D001	RQ Waste Flammable Solid NOS	Flammable Solid	2,600	P
D002	RQ Waste Corrosive Liquid NOS	Corrosive Material	4,705	P
D002	Waste Corrosive Solid	Corrosive Material	400	P
D003	RQ Waste Aluminum Chloride, Anhydrous	Corrosive Material	435	P
D007	Hazardous Waste Solid NOS	ORM-E	450	P
D003	Waste Phosphoric Anhydride	Corrosive	150	P
D008	RQ Hazardous Solid NOS	ORM-E	3,400	P
D009	Waste Poison B Liquid	Poison B	1,200	P
F002	Waste ORM-A	ORM-A	400	P
F003	Waste Flammable Solid NOS	Flammable Solid	300	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Environmental Transfer Corp. EPA ID No.: NJD991291584

6. TSD Facility Name: Advanced Environmental Tech. Corp. EPA ID No.: NJD080631369

8. TSD Address: 125 Factory Lane, Middlesex, NJ 08846

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
U122	Waste Formaldehyde Soln.	ORM-A	1,200	P
U147	Waste Maleic Anhydride	ORM-A	400	P
X725	Hazardous Waste Solid NOS (Gravel, Dirt, Speedy Dry, Machine Oils)	ORM-E	1,600	P
X900	Waste Chemicals NOS, DOT Non-Regulated (Oleic Acid/Water)	NONE	400	P
X910	Waste Chemicals NOS, DOT Non-Regulated (Sod. Bitarate) (Sod. Phosphate) (Thionyl Chloride)	NONE	1,100	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Calgon Carbon Corp. 5. EPA ID No.: PAD004319810

6. TSD Facility Name: Calgon Carbon Corp. 7. EPA ID No.: PAD000736942

8. TSD Address: 200 Neville Road, Neville Island, PA

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
F001/F002 F003/F005	Hazardous Waste Solid NOS	ORM-E	45,000	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Env. Transfer Corp. 5. EPA ID No.: NJD000692061

6. TSD Facility Name: Chem. Waste Mgmt. 7. EPA ID No.: ALD000622464

8. TSD Address: Emelle Facility, Emelle, Alabama 35459

9.	A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
	U019/U028 U188/U128 D007	Hazardous Waste Solid, NOS + Soil, Concrete (greater than 99%)	ORM-E	169,790	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Freehold Cartage Inc. 5. EPA ID No.: NJD054126164

6. TSD Facility Name: Chem. Waste Mgmt. 7. EPA ID No.: ALD000622464

8. TSD Address: Emelle Facility, Emelle, Alabama 35459

9.	A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
	U019/U028 U190/U128 D007 + Soil, Concrete (greater than 99%)	Hazardous Waste Solid, NOS	ORM-E	16	CY

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059
3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885
4. Transporter Name: Suttles Truck Leasing, Inc. 5. EPA ID No.: ALD095704011
6. TSD Facility Name: ENSCO Env. Svcs. of Ga. 7. EPA ID No.: GAD000222083
8. TSD Address: 1015 New South Harris, Dalton, GA 30720

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D001/U108 U031/F005	Waste Flammable Liquid, NOS (Pyridine, Carbon Disulfide)	Flammable Liquid	1,800	P
D001	Waste Trimethyl-chloro-silane	Flammable Liquid	80	P
D001	Waste Diisopro-pylamine	Flammable Liquid	100	P
D001	Waste Potassium Permanganate	Oxidizer	100	P
D001	Waste Oxidizing Material (Calcium, Sodium, Nitrate)	Oxidizer	300	P
D001	Waste Flammable Solid, NOS (Sodium Sulfide, Magnesium Ribbon)	Flammable Solid	200	P
D001	Waste Sodium Metal	Flammable Solid	40	P
D001	Waste Flammable Solid, NOS (Iron Oxide)	Flammable Solid	100	P
D001	Waste Sodium Sulfide, Anhydrous	Flammable Solid	200	P
D002	Waste Corrosive Liquid, NOS (Acetic Acid, O-Cresol)	Corrosive Material	1,800	P
D002	Waste Octadecyl-trichlorosilane	Corrosive Material	100	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059
3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885
4. Transporter Name: Suttles Truck Leasing, Inc. EPA ID No.: ALD095704011
6. TSD Facility Name: ENSCO Env. Scs. of Ga. 7. EPA ID No.: GAD000222083
8. TSD Address: 1015 New South Harris, Dalton, Ga 30720

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D002	Waste Acetic Acid, Glacial	Corrosive Material	100	P
D002	Waste Octyltrichlorosilane	Corrosive Material	135	P
D002	Waste Titanium Tetrachloride	Corrosive Material	100	P
D002	Waste Alkaline Liquid, NOS (NaOH, KOH)	Corrosive Material	100	P
D002	Waste Corrosive Solid, NOS (Phosphorous pentoxide, Aluminum Chloride)	Corrosive Material	800	P
D002	Waste Corrosive Solid, NOS (Iodine)	Corrosive Material	400	P
D002	Waste Phosphoric Anhydride	Corrosive Material	200	P
D009	Waste Poisonous Liquid, NOS (Mercuric Chloride, Potassium Iodide)	Poison B	1,100	P
D009	Waste Mercuric Oxide, Solid NOS	Poison B	200	P
D009	Waste Mercury Compound, Solid NOS (Mercuric Chloride, Mercuric Iodide)	Poison B	400	P
P012	Waste Arsenic Trioxide	Poison B	100	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Suttles Trick Leasing, Inc. EPA ID No.: ALD095704011

6. TSD Facility Name: ENSCO Env. Svcs. of Ga. 7. EPA ID No.: GAD000222083

8. TSD Address: 1015 New South Harris, Dalton, Ga. 30720

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
P012/U188 D007	Waste Poisonous Solid, NOS (Acrylamide, Arsenic Trioxide)	Poison B	3,200	P
U019	Waste Benzene	Flammable Liquid	100	P
U052	Waste Cresol	Corrosive Material	400	P
U134	Wate Hydro-fluoric Acid Solution	Corrosive Material	900	P
U196	Waste Pyridine	Flammable Liquid	100	P
NONE	Waste Poisonous Solid, NOS (Cupric Sulfate, Barium Chloride)	Poison B	400	P
NR/EPA	Waste Irritating Agents, NOS (Cotyltrimethyl Ammonium Bromide, Cotyl Alcohol)	Irritating Agent	500	P
NR/EPA	Waste Com-bustible Liquid NOS (N-Dimethylformide Bromobenzene)	Combustible Liquid	500	P
NR/EPA	Waste ORM-B,NOS (Sodium Silicofluoride)	ORM-B	100	P
NR/EPA	Waste ORM-B, NOS (Dihydrazine Sulfate)	ORM-B	300	P
NR/EPA	Hazardous Waste Liquid, NOS (Hydrogen Sulfide Aqueous Soln.)	ORM-E	100	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Suttles Truck Leasing, Inc. 5. EPA ID No.: ALD095704011

6. TSD Facility Name: ENSCO Env. Svcs. of Ga. 7. EPA ID No.: GAD000222083

8. TSD Address: 1015 New South Harris, Dalton, Ga 30720

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
NR/EPA	Hazardous Waste Solid, NOS (Nickel Chloride, Silver Carbonate)	ORM-E	300	P
NR/EPA	Non-Regulated Material	Non-Regulated	1,000	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Svcs. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: Marisol, Inc.. 7. EPA ID No.: NJD002454544

8. TSD Address: 125 Factory Lane, Middlesex, NJ 08846

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
F002	RQ Hazardous Waste Liquid NOS (Methylene Chloride, Trichloroethane, 1,1,1 Trichloroethane)	ORM-E	11,500	P
F002	RQ Hazardous Waste Liquid, NOS (Methylene Chloride, Trichloroethane)	ORM-E	21,300	P
U044	Waste Chloroform RQ	ORM-A	14,100	P
U080	Waste Methylene Chloride, RQ	ORM-A	9,900	P
U080	RQ, Waste ORM-A NOS (Methylene Chloride, Chloroform, Trichloroethylene)	ORM-A	6,600	P
U211	RQ, Waste Carbon Tetrachloride	ORM-A	6,600	P
U228	RQ, Waste Trichloroethylene	ORM-A	1,200	P
X722	Waste Oil NOS (Heating Oil & Water)	Combustible Liquid	500	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Marisol, Inc. 5. EPA ID No.: NJD002454544

6. TSD Facility Name: Marisol, Inc. 7. EPA ID No.: NJD002454544

8. TSD Address: 125 Factory Lane, Middlesex, NJ 08846

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
F003	Waste Flammable Liquid, NOS (Methanol, Xylene, Toluene, Acetone, Ethyl Acetate, Acetonitrile, Hexane)	Flammable Liquid	17,936	G
F005	Waste Flammable Liquid, NOS (Methanol, ACetonitrile, Hexane, Toluene, Heptane, Xylene, MEK)	Flammable Liquid	35,695	G
F003/F005	Waste Flammable Liquid, NOS (Alcohols, Methanol, Hexane, Heptane, Acetonitrile, Toluene, Xylene, Octane, Acetone)	Flammable Liquid	4,272	G

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Service 5. EPA ID No.: NJD000692343

6. TSD Facility Name: Thermalkem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, RockHill, SC 29730

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D001	Waste Oxidizer NOS (Potassium Permanganate, Potassium Nitrate)	Oxidizer	320	P
D001	Waste Silver Nitrate, Oxidizer, NOS	Oxidizer	75	P
D001	Waste Oxidizer NOS (Sodium Nitrate, Potassium Persulfate)	Oxidizer	650	P
D001	Waste Oxidizer NOS (Nickel Nitrate, Sodium Nitrate)	Oxidizer	880	P
D001	Waste Ammonium Persulfate	Oxidizer	310	P
D001	Waste Ferric Nitrate	Oxidizer	50	P
D001	Waste Oxidizer NOS (Sodium Nitrate, Ferric Nitrate)	Oxidizer	50	P
D001	Waste Oxidizer NOS (Ammonium Peroxydisulfate, Sodium Nitrate)	Oxidizer	250	P
D001	Waste Flammable Solid, NOS (Sodium Methylate, Magnesium Metal)	Flammable Solid	225	P
D001	Waste Flammable Solid, NOS (Sodium Sulfide)	Flammable Solid	75	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Service 5. EPA ID No.: NJD000692343

6. TSD Facility Name: Thermalkem Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, Rockhill, SC 29730

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D001	Waste Flammable Solid, NOS (Zinc Metal, Sodium Sulfide)	Flammable Solid	150	P
D001	Waste Combustible Liquid, NOS (N,N-Dimethyl Formamide, Benzyl Alcohol)	Combustible Liquid	75	P
D001	Waste Paint Related Material	Flammable Liquid	75	P
D001	Waste Acetaldehyde	Flammable Liquid	20	P
D001	Waste Cupric Nitrate	Oxidizer	10	P
D001	Waste Magnesium Metal	Flammable Solid	20	P
D001	Waste Aluminum Metallic Powder	Flammable Solid	20	P
D001	Waste Combustible Liquid, NOS (1,2,4 Trimethylbenzene, Dimethylsulfoxide)	Combustible Liquid	155	P
D001/U108	Waste Flammable Liquid, NOS (1,4 Dioxane, Acetonitrile)	Flammable Liquid	1,275	P
D001/U001	Waste Flammable Liquid, Poisonous, NOS (Ethanol, Potassium Thiocyanate)	Flammable Liquid	75	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Svsc. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: ThermalKem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, Rock Hill, SC 29730

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D001/D002	Waste Flammable Liquid, NOS Corrosive (Octadecyul Trichlorosilane, Methanol)	Flammable Liquid	75	P
D001/D003	Waste Flammable Solid, NOS (Sodium Borohydride)	Flammable Solid	20	P
D001/F003	Waste Flammable Liquid, NOS (Xylene, Carbon Disulfide)	Flammable Liquid	75	P
D001/F003	Waste Flammable Liquid, NOS (Xylene, Acetone)	Flammable Liquid	900	P
D001/D007	RQ Waste Flammable Solid NOS (Sodium Hydrosulfite, Sodium Borohydride, Chromium Metal)	Flammable Solid	300	P
D001/U108	Waste Flammable Liquid, NOS (N-Butyl Chloride, 1,4-Dioxane)	Flammable Liquid	75	P
D001/D008	RQ Waste Lead Nitrate	Oxidizer	10	P
D001/D007	Waste Flammable Solid, NOS (Zinc Powder, Chromium Powder)	Flammable Solid	760	P
D002	Waste Corrosive Liquid (Bromine, Dimethylsulfate)	Corrosive Material	2,100	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Svcs. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: ThermalKem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 4, Vernesdale Road, Rock Hill, SC 29730

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D002	Waste Bromine	Corrosive Material	1,595	P
D002	Waste Corrosive Solid, NOS (Trichloroacetic acid, Chloroacetic Acid)	Corrosive Material	975	P
D002	Waste Phosphoric Anhydride	Corrosive Material	75	P
D002	Waste Corrosive Liquid, NOS (Bromine, Benzoyl Chloride)	Corrosive Material	320	P
D002	Waste Corrosive Solid, NOS (Potassium Hydroxide, Sodium Hydroxide)	Corrosive Material	525	P
D002	Waste Trichloro-Acetic Acid	Corrosive Material	75	P
D002	Waste Corrosive Solid, NOS (Trichloroacetic Acid, Iodine)	Corrosive Material	545	P
D002	Waste Alkaline (Corrosive) Liquid, NOS (Barium Hydroxide)	Corrosive Material	150	P
D002	Waste Corrosive Liquid, NOS (Chlorosulfonic Acid, Bromine)	Corrosive Material	75	P
D002	Waste Corrosive Solid, NOS (Iodine, Sodium Hydroxide)	Corrosive Material	375	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Svcs 5. EPA ID No.: NJD000692343

6. TSD Facility Name: Thermalkem Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Rockhill, Vernesdale Road, Rock Hill, SC 29730

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D002	Waste Phosphorous Pentachloride	Corrosive Material	40	P
D002	Waste Corrosive Solid, NOS (Antimony Trichloride, Phosphorous Pentoxide)	Corrosive Material	525	P
D002	Waste Corrosive Liquid, NOS (N-Butyl Phosphate, Ethanolamine)	Corrosive Material	1,275	P
D002	Waste Thionyl Chloride	Corrosive Material	20	P
D002	Waste Hydrazine Aqueous Soln.	Corrosive Material	40	P
D002	Waste Corrosive Solid, NOS (Chloroacetic Acid, Hydrazine Sulfate Powder)	Corrosive Material	20	P
D002	Waste Corrosive Liquid, NOS (Chlorine Water, Acetic Anhydride)	Corrosive Material	455	P
D002	Waste Alkaline (Corrosive) Liquid, NOS (Sodium Hydroxide Solution, Diethanolamine)	Corrosive Material	95	P
D002/D007	Waste Corrosive RQ, Liquid, NOS (Chromic Acid Solution, Bromine)	Corrosive Material	375	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perritte Freight Svcs. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: Thermalkem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, Rock Hill, SC 29730

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D002/6666	Waste Corrosive Liquid Poisonous Material NOS (Nitrobenzene in Acetic Acid Soln.)	Corrosive	20	P
D006/D008	Hazardous Waste Solid, NOS (Cadmium Metal, Lead Metal)	ORM-E	60	P
D008/U007	Hazardous Waste RQ, Solid, NOS (Acrylamide, Lead)	ORM-E	2,025	P
D009	Waste Poisonous Liquid NOS (Pot. Iodide, Mercuric Iodide Soln.)	Poison-B	75	P
D006/U188	RQ Waste Poisonous Solid NOS (Phenol, Cadmium Metal)	Poison B	450	P
D005/D011	Waste Poisonous Solid NOS (Barioum Hydroxide, Silver Sulfate)	Poison B	225	P
D005/6666	Waste Poisonous Liquid, NOS (N,N-Dimethylaniline, Barium Sulfate Solution)	Poison B	190	P
D008/U201	RQ Hazardous Waste Solid, NOS (Resorcinol, Lead Metal)	ORM-E	675	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Svcs. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: ThermalKem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, Rock Hill, SC 29730

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
F003/P022	Waste Flammable Liquid, NOS (Carbon Disulfide, Xylene)	Flammable Liquid	150	P
F003/U077	Waste Flammable Liqiud, NOS (Ethylene Dichloride, Diethylamine)	Flammable Liquid	750	P
D008/U007	RQ Hazardous Waste Solid, NOS (Acrylamide, Lead Oxide)	ORM-E	1,845	P
F003/U196	Waste Flammable Liquid, NOS (Xylene, Pyridine)	Flammable Liquid	170	P
P098	Waste Potassium Cyanide Soln.	Poison B	150	P
P098	Waste Cyanide Mixture, Dry	Poison B	300	P
P098/P104	Waste Cyanide Soln., NOS (Potassium Cyanide, Silver Cyanide)	Poison B	225	P
P018/U188	Waste Poisonous Solid, NOS (Phenol, Brucine)	Poison B	450	P
P077/U188	Waste Poisonous Solid, NOS (Phenol, 2-Nitroaniline)	Poison B	825	P
U067	RQ Waste Ethylene Di-Bromide	Poison B	75	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Svcs. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: ThermalKem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, Rock Hill, SC 29730

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
U188	Waste Phenol Liquid	Poison B	525	P
U012	Waste Aniline	Poison B	20	P
U012/U188	Waste Poisonous Liquid, NOS (Phenol, Aniline)	Poison B	1,125	P
U007/U188	Waste Poisonous Solid, NOS (Phenol, Acrylamide)	Poison B	225	P
U165/U072	Waste ORM-A, NOS (Napthalene, p-Dichlorobenzene)	ORM-A	190	P
U220/U196	Waste Flammable Liquid, NOS (Pyridine, Toluene)	Flammable Liquid	75	P
U182/U165	Waste ORM-A, NOS (Paraformadehyde, Napthalene)	ORM-A	375	P
U019/U162	Waste Flammable Liquid, NOS (Methyl Methacrylate Monomer Inhibiter)	Flammable Liquid	1,500	P
U210/U070	Waste ORM-A, (Tetrachloroethylene, o-Dichlorobenzene)	ORM-A	75	P
U220/U239	Waste Flammable Liquid, NOS (Toluene, Xylene)	Flammable Liquid	225	P
U188/6666	Waste Poisonous Solid, NOS (Phenol, Resorcinol)	Poison B	1,350	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Svcs. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: ThermalKem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, Rock Hill, SC 29370

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
U188/6666	Waste Poisonous Solid, NOS (Phenol, Molybdic Anhydride)	Poison B	150	P
U007/6666	Hazardous Waste Liquid, NOS (Bis-Acrylamide, Dimethyl Sulfoxide)	ORM-E	660	P
U007/6666	Hazardous Waste Solid, NOS (Bis-Acrylamide, Antimony Trioxide)	ORM-E	3,525	P
U007/6666	Hazardous Waste Solid, NOS (Acrylamide, Aluminum Sulfate)	ORM-E	1,200	P
U007/6666	Hazardous Waste Solid, NOS (1-Amino, 2-Napthol-4 Sulfonic Acid)	ORM-E	600	P
U072/6666	Waste ORM-A NOS, (Potassium Dichormate, P-Dichlorobenzene)	ORM-A	1,050	P
U225/6666	Hazardous Waste Liquid, NOS (Quinoline, Bromoform)	ORM-E	75	P
6666	Waste Para-formaldehyude	ORM-A	150	P
6666	Waste ORM-A (Maleic Anhydride Napthalene)	ORM-A	75	P
6666	Waste Antimony Trioxide, NOS	ORM-E	1,575	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Co. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: ThermalKem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, Rock Hill, SC 29730

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
6666	Waste Sulfur Solid	ORM-C	75	P
6666	Waste Irritating Agent, NOS (N-Bromosuccinimide)	Irritating Material	225	P
6666	Waste Potassium Fluoride	ORM-B	225	P
6666	Waste ORM-A NOS (Sodium Dichromate, Paraformaldehyde)	ORM-A	150	P
6666	Waste Poisonous Liquid, NOS (Ethylene Bromide, Potassium Ferrocyanide)	Poison B	75	P
6666	Waste Stannous Chloride	ORM-B	675	P
6666	Waste ORM-B NOS (Stannous Chloride, Zinc Chloride)	ORM-B	75	P
6666	Waste Poisonous Liquid, NOS (Brucine Sulfate Solution, Hydrogen Sulfide Solution)	Poison-B	225	P
6666	Waste ORM-B NOS (Stannous Chloride, Cupric Chloride)	ORM-B	300	P
6666	Hazardous Waste Liquid, NOS (Hydrogen Sulfide Solution, Acrylamide Solution)	ORM-E	375	P
6666	Waste Calcium Oxide	ORM-B	75	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1989
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD0043623059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Svcs. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: ThermalKem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, Rock Hill, SC 29730

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
6666	Waste ORM-B NOS (Ferric Chloride, Stannous Chloride)	ORM-B	225	P
6666	Hazardous Waste Liquid, NOS (5% Hydrogen Sulfide Aqueous Solution)	ORM-E	75	P
6666	Waste Irritating Agent, NOS (Glutaraldehyde, Methylaminophenol)	Irritant	20	P
6666	Waste ORM-B NOS (Cupric Chloride, Ferric Chloride)	ORM-B	320	P
6666	Waste Acetylene Tetrabromide	ORM-A	75	P
6666	Hazardous Waste Liquid, NOS (1-Methyl-2-Pyrrolidinone, 1-Iodopropane)	ORM-E	170	P
7777	Non-Regulated Material (DOT-RCRA)	Non-Regulated	7,725	P

OMB#: Expires

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Fisher Scientific Company

Fair Lawn, NJ

EPA ID NO.: NJD004362059

DRAFT
8-25-89

FORM
IC

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Waste Minimization Report

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 6 of the 1989 Hazardous Waste Report booklet before completing this form.

SEC. I Site name and location address. Complete items A through H. Check the box ☒ in items A, B, D, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 6.

A. EPA ID No. — Same as label ☐ or → NJD004362059

B. Site/company name — Same as label ☐ or → Fisher Scientific Company

C. Has the site name associated with this EPA ID changed since 1987? ☐ 1 Yes ☒ 2 No

D. Street name and number. If not applicable, enter industrial park, building name or other physical location description. — Same as label ☐ or → 1 Reagent Lane

E. City, town, village, etc. — Same as label ☐ or → Fair Lawn

F. County: Bergen

G. State — Same as label ☐: NJ

H. Zip Code — Same as label ☐: 07410-

SEC. II Mailing address of site. Instruction page 6.

A. Is the mailing address the same as the location address? ☒ 1 Yes (SKIP TO SEC. III) ☐ 2 No (COMPLETE SEC. II)

B. Number and street name of mailing address

C. City, town, village, etc.

D. State

E. Zip Code

SEC. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 6.

A. Please print: Last name	First name	M.I.	B. Title	C. Telephone
Tirpack	Janice	M.	Manager	201 796-7100 Extension 2918

SEC. IV Enter the Standard Industrial Classification (SIC) Code that describes the principal products, group of products, produced or distributed, or the services rendered at the site's physical location. Enter more than one SIC Code only if no one industry description includes the combined activities of the site. Instruction page 7.

A.	B.	C.	D.
2916			

SEC. V I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. Number of form pages submitted — Form IC: 12 Form WM:

B. Please print: Last name	First name	M.I.	C. Title	D. Signature	E. Date of signature
Tirpack	Janice	M.	Manager	Janice M. Tirpack	05 29 90 (MO. DAY YR.)

Sec. VI Waste Minimization Activity during 1988 or 1989

A. Did this site begin or expand a source reduction activity during 1988 or 1989?
Instruction page 8

- ☐ 1 Yes
- ☒ 2 No

B. Did this site begin or expand a recycling activity during 1988 or 1989?
Page 8

- ☐ 1 Yes
- ☒ 2 No

C. Did this site conduct a source reduction or recycling opportunity assessment during 1988 or 1989?
Page 8

- ☒ 1 Yes
- ☐ 2 No

D. What factors have limited this site from initiating new source reduction activities during 1988 or 1989?
(CHECK ALL THAT APPLY)
Page 8

- ☐ 01 No factors have limited new source reduction activities.
- ☐ 02 Insufficient capital to install new source reduction equipment or implement new source reduction practices.
- ☐ 03 Lack of technical information on source reduction techniques, applicable to my specific production processes.
- ☐ 04 Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☒ 05 Concern that product quality may decline as a result of source reduction.
- ☒ 06 Technical limitations of the production processes.
- ☐ 07 Permitting burdens.
- ☐ 08 Other (SPECIFY IN COMMENTS)

E. What factors have limited this site from initiating new on-site or off-site recycling activities during 1988 or 1989?
(CHECK ALL THAT APPLY)
Page 8

- ☐ 01 No factors have limited new recycling activities.
- ☐ 02 Insufficient capital to install new recycling equipment or implement new recycling practices.
- ☒ 03 Lack of technical information on recycling techniques applicable to this site's specific production processes.
- ☐ 04 Recycling is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☐ 05 Concern that product quality may decline as a result of recycling.
- ☐ 06 Requirements to manifest wastes inhibit shipments off site for recycling.
- ☐ 07 Financial liability provisions inhibit shipments off site for recycling.
- ☐ 08 Technical limitations of product processes inhibit shipments off site for recycling.
- ☐ 09 Techical limitations of production processes inhibit on-site recycling.
- ☐ 10 Permitting burdens inhibit recycling.
- ☐ 11 Lack of permitted off-site recycling facilities.
- ☐ 12 Unable to identify a market for recyclable materials.
- ☐ 13 Other (SPECIFY IN COMMENTS)

Comments: Fisher Scientific contracted a major waste management firm in December, 1989 to conduct an overall waste reduction survey of processes, byproducts and waste management practices. Implementation of the results of this survey should be reflected in early 1990. Some of the results include source reduction considerations, increased recycling opportunities and technical consideration.

FisherChemical
Fisher Scientific
1 Reagent Lane
Fair Lawn, NJ 07410

May 1, 1990

State of New Jersey
Department of Environmental Protection
Division of Hazardous Waste Management
401 East State Street
5th Floor, CN028
Trenton, NJ 08625

ATTN: Manifest Section - Annual Reports

To whom it may concern:

This letter is to serve as a written request for an extension for the submittal of the Annual Generator and Waste Minimization Reports for the following facilities:

Fisher Scientific Company
1 Reagent Lane
Fair Lawn, NJ 07410
EPA ID No. NJD004362059

Fisher Scientific Company
755 Route 202
Somerville, NJ 08876
EPA ID No. NJD052207982

The reports will be submitted on or before May 15, 1990. Thank you for your understanding in this matter.

Sincerely yours,

FISHER SCIENTIFIC COMPANY

Janice M. Tirpack
Manager, Environmental Affairs

JMT/ns

FisherChemical
Fisher Scientific

1 Reagent Lane
Fair Lawn, NJ 07410

April 9, 1990

Via Telecopy & Certified Mail

Mr. Thomas Sherman, Chief
State of New Jersey
Department of Environmental Protection
Bureau of Hazardous Waste Engineering
Hazardous Waste Management
CN028
Trenton, NJ 08625-0028

RE: New Jersey Hazardous Waste Facility
Annual Report for 1988
Fisher Scientific Company, Fair Lawn
Bergen County, EPA ID No. NJD004362059
New Jersey Facility No. 0217B1

Dear Mr. Sherman,

I have completed the review of Fisher Scientific Company's ("Fisher") 1988 Annual Report and the associated manifests in preparation of this response to your queries identified in your February 7, 1990 ("Letter").

The following identifies that which was marked as needing response in your Letter.

1. **Item 3.(B) "Form III is incomplete. Other - The annual report should include non-hazardous waste relieved [sic] from off-site by Hazardous Waste Manifest."**

Fisher's TSDF permit No. 0217B1 allows for shipments of hazardous waste from off-site Fisher locations. These wastes must be accompanied by a uniform hazardous waste manifest(s). Fisher also accepts non-hazardous wastes from off-site Fisher locations. If the non-hazardous wastes were shipped to the TSD facility with a hazardous waste shipment and were identified by means of manifest, the information would have been included in our 1988 Annual Report. However, it is Fisher's general policy to utilize a Bill of Lading or other shipping documents to accompany non-hazardous shipments rather than a hazardous waste manifest. Therefore, only these occasional shipments of non-hazardous wastes which were accompanied by a Hazardous Waste Manifest were included in our 1988 Annual Report.

2. Item 7. "The following waste code D003 appeared on your 1988 annual report but is not listed in your Hazardous Waste Storage and Treatment Facilty permit..."

   Fisher's Hazardous Waste Storage and Treatment Facility permit No. 0217B1 does include the waste code D003 on page 23 of 35, Section II, (3)(d).

3. Item 7. "Further, the annual report includes the listing of waste code[] X850... Please note that..(this) code[] is not officially listed in N.J.A.C. 7:26-1 et seq."

   In our discussions with the Bureau of Regulation, Classificaton and Technical Assistance in the Hazardous Waste Regulation Element of the Department of Environmental Protection, we were informed that the utilization of the X850 code was acceptable for designating lab packs as long as packing slips accompany the hazardous waste manifest which they did whenever Fisher Scientific used the X850 code.

   The X850 code was utilized on the hazardous waste manifest and subsequently on the 1988 Annual Report Form as transcribed from the manifest by our consultants Advanced Environmental Technology Corporation ("AETC"), whose Hazardous Waste Facility permit at page 13 of 26, paragraph (c) indicates that the State of New Jersey has given AETC permission to utilize the X850 code for packed laboratory chemicals... "provided they are managed as hazardous wastes, including the use of a manifest."

   Additionally, in Fisher's efforts to be thorough and complete in submitting information in compliance with the Treatment, Storage and Disposal Facility report requirements, Fisher inadvertantly included hazardous waste manifest information which should not have been included on the TSDF report but rather should have appeared only in the Generator Report. These materials were stored on-site for less than ninety-days and were in compliance with all the standards applicable to a generator storing hazardous waste for ninety days or less. Therefore, disposition of this material should have been indicated on the Generator Report rather than the TSDF report. Attached to this letter is the revised TSDF report which more accurately reflects the TSDF information for the Fisher Fair Lawn facility.

4. Item 7. "Further, the annual report includes the listing of waste code[] NR. Plesae note that..(this) code[] is not officially listed in N.J.A.C. 7:26-1 et seq."

   The waste code NR was assigned to a lab pack which contained non-regulated materials. A review of the packing slip(s) for the materials contained in the lab pack indicates that a code not regulated under N.J.A.C. 7:26-1 et seq. should have been assigned.

   Additionally, in Fisher's efforts to be thorough and complete by submitting all information in compliance with the Treatment, Storage and Disposal Facility report requirements, Fisher inadvertantly included hazardous waste manifest information which should not have been included on the TSDF report but rather on the Generator Report. Materials which were stored on-site for less than ninety-days in compliance with all standards for preparedness and prevention programs and, therefore, disposal of this material should be indicated on the generator rather than the TSDF report. Attached to this letter is the revised TSDF report which more accurately reflects the TSDF information for the Fisher Fair Lawn facility.

5. Item 7. "Further, the annual report includes the list of waste code[] 6666 and 7777. Please note that..(these) code[] are not officially listed in N.J.A.C. 7:26-1 et seq."

   Because the material was shipped to South Carolina, Fisher Scientific Company used the South Carolina waste codes. It is now Fisher Scientific Company's policy to assign all appropriate New Jersey waste codes as well as applicable State codes outside of New Jersey.

   Again, in Fisher's efforts to be thorough and complete in submitting information in compliance with the Treatment, Storage and Disposal Facility report requirements, Fisher inadvertantly included hazardous waste manifest information which should not have been included on the TSDF report but rather on the Generator Report.

These materials were stored on-site for less than ninety-days and were in compliance with all standards applicable to a generator storing hazardous waste for ninety days or less. Therefore, disposition of this material should be indicated on the Generater Report rather than the TSDF Report. Attached to this letter is the revised TSDF report which more accurately reflects the TSDF information for the Fisher Fair Lawn facility.

6. Item 7. "Further the annual report includes the listing of waste code[] X940... Please note that..(this) code[] is not officially listed in N.J.A.C. 7:26-1 et seq."

Fisher Scientific Company is authorized to accept hazardous wastes from off-site according to the following conditions:

1) Returned goods shall be only from other Fisher locations and shall be Fisher products or residuals from minor spills, cleanups from other Fisher locations.

2) Fisher branch returning goods to the facility shall have EPA ID Numbers.

3) Returned goods shall be manifested and handled by qualified waste haulers.

4) Containers shall not be larger than 55 gallon drums.

The X940 materials received, were from Fisher Scientific Company's Itasca, Illinois facility (EPA ID No. ILD074399684). The materials were Fisher products. The materials were shipped in lab pack quantities and in accordance with the aforementioned conditions No. 3 and 4. It was Fisher's understanding that the X940 waste code may be used when non-hazardous shipments were manifested to a hazardous waste facility. This was the case for the shipment of nickel(ous) chloride which does not meet the criteria of hazardous waste under N.J.A.C. 7:26-8.1 et seq. However, a shipment of zinc nitrate waste was incorrectly assigned the X940 which should have been called D001.

Fisher trusts that the above information and the attached, modified TSDF Annual Report, which has been revised to incorporate our present understanding of the proper utilization of these reports satisfies your queries identified in your letter dated February 7, 1990.

Sincerely,

FISHER SCIENTIFIC COMPANY

Janice M. Tirpack
Manager, Environmental Affairs

JMT/ns
Attachments
cc: John Scott - NJDEP
T.J. Tracey
F.A. Poliferno
G.R. Rayer
T.J. Tisa
J. Nacheman - Pitney, Hardin, Kipp & Szuch

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
TSDF ANNUAL REPORT FORM I
1988

PLEASE READ THE FOLLOWING INFORMATION AND ENSURE THAT IT IS CORRECT
IF ADDITIONS OR CORRECTIONS ARE REQUIRED, ENTER CORRECT
INFORMATION IN THE ADJACENT BLANK SPACES.

COMPANY INFORMATION		CORRECTIONS/ADDITIONS
EPA ID:	NJD004362059	
COMPANY NAME:	FISHER SCIENTIFIC CO	
CONTACT NAME:	HOWARD ZLOTKIN	JANICE TIRPAK
PHONE NUMBER:	201-796-7100	
EMERGENCY PHONE:		
--SITE LOCATION INFORMATION--		
SITE STREET:	1 REAGENT LANE	
SITE CITY:	FAIR LAWN	
SITE COUNTY:	BERG	
SITE STATE:	NJ	
SITE ZIP CODE:	07410	
--MAILING ADDRESS INFORMATION--		
MAIL STREET:	1 REAGEN LANE	
MAIL CITY:	FAIR LAWN, NJ	
MAIL STATE:	NJ	
MAIL ZIP CODE:	07410	
* ADDITIONAL INFORMATION--		
LATITUDE:		0 40 57
LONGITUDE:		0 074 07 30
PRIMARY SIC CODE:	2819	
*CLOSURE COST:		~~$219~~,720.00
*POST-CLOSURE COST (WHERE APPLICABLE):		~~$ 71,080~~.00

SUM TOTAL (BY UNITS):

TOTAL AMOUNT HANDLED ON-SITE IN 1988
9368 G, 93 P, ____ T, 2 KG, — CY

TOTAL AMOUNT IN STORAGE AT END OF YEAR
— G, 85,000 P, ____ T, ____ KG, ____ CY

TOTAL AMOUNT MANIFESTED OFF-SITE IN 1988
160 G, 202 P, ____ T, 5 KG, ____ CY

* THESE ARE NOT FIXED COSTS AND MUST BE UPDATED ANNUALLY

NOTE: ***This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)***

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD
1	NJD004362059	D002	8935.00	G	N	S01 T31
	DESCRIPTION OF WASTE: WASTE CORROSIVE LIQUID NOS					
2	ILD074399684	U122	365.00	L	N	S01 T31
	DESCRIPTION OF WASTE: WASTE FORMALDEHYDE SOLUTION					
3	ILD074399684	D001	168.10	L	Y	S01
	DESCRIPTION OF WASTE: WASTE FLAMMABLE LIQUID NOS					
4	ILD074399684	D002	6.00	L	N	S01 T31
	DESCRIPTION OF WASTE: TRICHLOROACETIC ACID.					
5	ILD074399684	U056	1.90	L	Y	S01
	DESCRIPTION OF WASTE: WASTE CYCLOHEXYLAMINE.					

NOTE: ***This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)***

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD043620559
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	D002	313.30	L	N	S01 T31	WASTE CORROSIVE LIQUID NOS
2	ILD074399684	D002	27.50	L	N	S01 T31	CORROSIVE MATERIAL NOS
3	ILD074399684	D002	1.00	L	N	S01 T31	WASTE HYPOCHLORITE SOLUTION
4	ILD074399684	D002	74.00	L	N	S01 T31	WASTE PHOSPHORIC ACID.
5	ILD074399684	D002	15.00	L	N	S01 T31	WASTE NITRIC ACID 40%

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NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	D002	422.00	L	N	S01 T31	WASTE HYDROCHLORIC ACID
2	ILD074399684	U002	12.50	L	Y	S01	WASTE ACETONE
3	ILD074399684	U080	44.00	L	N	S01	WASTE METHLENE CHLORIDE
4	ILD074399684	D002	237.00	L	N	S01 T31	WASTE SODIUM HYDROXIDE SOLUTION
5	ILD074399684	U044	16.00	L	Y	S01	WASTE CHLOROFORM

NOTE: ***This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)***

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD043620599
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	D007	3.70	L	N	S01 T31	WASTE CHROMIC ACID
2	ILD074399684	D003	2.20	P	N	S01	WASTE SODIUM SULFIDE
3	ILD074399684	D001	12.00	L	Y	S01	WASTE PETROLEUM ETHER
4	ILD074399684	D002	0.10	Kg	Y	S01	WASTE CYANOGEN BROMIDE
5	ILD074399684	D011	0.50	Kg	Y	S01	WASTE POTASSIUM CHROMATE

NOTE: This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	D001	400	L	Y	S01	WASTE DIISOPROPYLAMINE
2	ILD074399684	D002	150	Kg	N	S01 T31	WASTE CORROSIVE SOLID NOS
3	ILD074399684	D002	1150.0	L	N	S01 T31	WASTE SULFURIC ACID
4	ILD074399684	U188	8.010	L	Y	S01	WASTE PHENOL
5	ILD074399684	U003	4.00	L	Y	S01	WASTE ACETONITRILE

NOTE: ***This form is not a substitute for the Generator's Annual Report required in N. J. A. C F:26 - F.4 (g)***

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	U239	800	L	Y	S01	WASTE XYLENE
2	ILD074399684	D001	1.50	Kg	Y	S01	WASTE POTASSIUM SULFATE
3	ILD074399684	D012	0.10	Kg	N	S01	WASTE PHOSPHOROUS TRIBROMIDE
4	ILD074399684	X940	2.30	P	Y	S01	WASTE NICKELOUS CHLORIDE
5	ILD074399684	P012	0.10	Kg	Y	S01	WASTE ARSENIC TRIOXIDE SOLID

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)*

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	P022	7,000	L	Y	S01	WASTE CARBON DISULFIDE
2	ILD074399684	D002	13,50	L	N	S01 T31	ACETIC ACID, GLACIAL
3	ILD074399684	D002	20,000	L	N	S01 T31	WASTE POTASSIUM HYDROXIDE
4	ILD074399684	D001	104,000	L	Y	S01	WASTE DENATURED ALCOHOL
5	ILD074399684	D001	8,000	L	Y	S01	WASTE ISOPROPANOL

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NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	D001	800	L	Y	S01	WASTE HEXANE
2	ILD074399684	U117	59.80	L	Y	S01	WASTE ETHYL ETHER
3	ILD074399684	U112	32.00	L	Y	S01	ETHYL ACETATE
4	ILD074399684	U228	32.00	L	Y	S01	WASTE TRICHLOROETHYLENE
5	ILD074399684	U154	400	L	Y	S01	WASTE METHANOL

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NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD
1	ILD074399684	U220	3200	L	Y	S01
	DESCRIPTION OF WASTE: WASTE TOLUENE					
2	ILD074399684	U031	28.00	L	Y	S01
	DESCRIPTION OF WASTE: WASTE BUTYL ALCOHOL					
3	ILD074399684	D001	510	L	Y	S01
	DESCRIPTION OF WASTE: WASTE ALCOHOL NOS					
4	ILD074399684	U213	4.00	L	Y	S01
	DESCRIPTION OF WASTE: WASTE TETRAHYDROFURAN					
5	ILD074399684	D001	9.00	L	Y	S01
	DESCRIPTION OF WASTE: WASTE COMBUSTIBLE LIQUID NOS					

NOTE: This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD
1	ILD074399684	D001	1040	P	Y	S01
	DESCRIPTION OF WASTE: WASTE NITRATES NOS					
2	ILD074399684	D001	5.50	P	Y	S01
	DESCRIPTION OF WASTE: WASTE POTASSIUM PERMANGANATE					
3	ILD074399684	X940	3450	P	Y	S01
	DESCRIPTION OF WASTE: WASTE ZINC NITRATE					
4	ILD074399684	D002	12.00	P	N	S01 T31
	DESCRIPTION OF WASTE: WASTE ACETIC ANHYDRIDE					
5	ILD074399684	D002	8.00	P	N	S01 T31
	DESCRIPTION OF WASTE: WASTE PERCHLORIC ACID					

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NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	D002	0.50	L	Y	S01	WASTE THIONYL CHLORIDE
2	ILD074399684	D002	9.70	L	N	S01 T31	WASTE NITRIC ACID <40 %
3	ILD074399684	D007	3.00	Kg	Y	S01	WASTE POTASSIUM DICHROMATE
4	ILD074399684	X850	1.10	P	Y	S01	WASTE POISON B SOLID NOS
5	ILD074399684	D001	0.50	P	Y	S01	WASTE NITROTOLUENE

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NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD904362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	ILD074399684	D001	1400	L	Y	S01	WASTE ETHYL ALCOHOL
2	ILD074399684	U019	400	L	Y	S01	WASTE BENZENE
3	ILD074399684	D001	5.50	L	Y	S01	WASTE COLLODION
4	ILD074399684	D001	0.50	L	Y	S01	WASTE DIMETHYLDICHLORO SILANE
5	ILD074399684	U134	10.00	P	Y	S01	WASTE HYDROFLUORIC ACID

Report required in N. J. A. C. 7:26 - 7.4 (g)

NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

ID NUMBER	FACILITY NAME	YEAR
NJD004362059	FISHER SCIENTIFIC COMPANY	88

GENERATOR ID NUMBER	WASTE TYPE
ILD074399684	U123

QUANTITY: 1.00 | UNITS: LB | MOS?: N | HANDLING METHOD: S01

WASTE FORMIC ACID

ILD074399684	D011

QUANTITY: 40.00 | UNITS: LB | MOS?: N | HANDLING METHOD: S01

WASTE SILVER NITRATE

ILD074399684	P053

0.50 | LB | Y | S01

WASTE ETHYLENEDIAMINE

ILD074399684	D001

7.00 | LB | Y | S01

WASTE FLAMMABLE LIQUID NOS
ILD074399684 D001

1.00 | LB | Y | S01

WASTE BUTYLAMINE

Report required in N. J. A. C. F:26 - F.4 (g)

NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY

GENERATOR EPA NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD
ILD074399684	U162	8.00	LL	Y	S01

DESCRIPTION OF WASTE: WASTE METHYL METHACRYLATE

GENERATOR EPA NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD
ILD074399684	D001	1.50	LF	N	S01 T31

WASTE HYDROGEN PEROXIDE SOLUTION

GENERATOR EPA NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD
ILD074399684	D002	7.50	L	Y	S01

WASTE OLEUM

GENERATOR EPA NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD
ILD074399684	D002	1.00	L	N	S01 T31

WASTE FERRIC CHLORIDE SOLUTION

ILD074399684 D002

		13.20	PI	N	S01 T31

WASTE SODIUM HYDROXIDE BEADS

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)*

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD043620599 FACILITY NAME: FISHER SCIENTIFIC COMPANY

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD
1	ILD074399684	D002	250	L	N	S01 T31
	DESCRIPTION OF WASTE: WASTE AMMONIUM HYDROXIDE					
2	ILD074399684	D003	0.50	L	Y	S01
	DESCRIPTION OF WASTE: WASTE AMMONIUM HYDROSULFIDE SOL.					
3	ILD074399684	U226	16.00	L	Y	S01
	DESCRIPTION OF WASTE: WASTE 1,1,1, TRICHLOROETHANE					
4	ILD074399684	U210	4.00	L	Y	S01
	DESCRIPTION OF WASTE: WASTE TETRACHLOROETHYLENE					
5	ILD074399684	U211	20.00	L	Y	S01
	DESCRIPTION OF WASTE: WASTE CARBON TETRACHLORIDE					

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C F:26 - F.4 (g)*

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY
REPORT YEAR: 198

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD
1	ILD074399684	D001	2.20	P	Y	S01
	DESCRIPTION OF WASTE: WASTE AMMONIUM DICHROMATE					
2	MND046930277	D001	23.00	P	Y	S01
	DESCRIPTION OF WASTE: WASTE FLAMMABLE LIQUID NOS					
3	MND046930277	D001	208.00	L	Y	S01
	DESCRIPTION OF WASTE: WASTE FLAMMABLE LIQUID NOS					
4	MND046930277	U002	1.00	L	Y	S01
	DESCRIPTION OF WASTE: WASTE ACETONE					
5	MND046930277	D001	48.00	L	Y	S01
	DESCRIPTION OF WASTE: WASTE ISOPROPANOL					

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)*

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY
REPORT YEAR: 19 8

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	MND046930277	U117	12.00	L	Y	S01	WASTE ETHYL ETHER
2	MND046930277	U122	56.00	P	N	S01 T31	WASTE FORMALDEHYDE SOLUTION
3	MND046930277	U122	172.	L	N	S01 T31	WASTE FORMALDEHYDE SOLUTION
4	MND046930277	U151	0.25	P	N	S01	WASTE METALLIC MERCURY
5	MND046930277	D002	59.00	L	N	S01 T31	WASTE CORROSIVE LIQUID NOS

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F:4 (g)*

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY
REPORT YEAR: 19 8

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	MND046930277	D002	133.00	L	N	S01 T31	WASTE SODIUM HYDROXIDE SOLUTION
2	MND046930277	X850	1.00	L	Y	S01	WASTE POISONOUS LIQUID NOS
3	MND046930277	D001	12.00	L	Y	S01	WASTE ISOPENTANE
4	MND046930277	U122	47.00	P	Y	S01	WASTE ETHYL ACETATE
5	MND046930277	D002	16.00	P	N	S01 T31	WASTE PERCHLORIC ACID

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NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY
REPORT YEAR: 1982

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	MND046930277	X940	1500	P	Y	S01	WASTE NICKEL CHLORIDE
2	MND046930277	D002	200	L	N	S01 T31	WASTE TRICHLORICACETIC ACID SOL.
3	MND046930277	D001	500	L	N	S01 T31	WASTE HYDROGEN PEROXIDE
4	MND046930277	D002	8400	L	N	S01 T31	WASTE HYDROCHLORIC ACID
5	MND046930277	U226	4300	P	Y	S01	WASTE 1,1,1-TRICHLOROETHANE

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)*

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY
REPORT YEAR: 198

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	MND046930277	D001	500	P	Y	S01	RQ WASTE HAZARDOUS SUBSTANCE
2	MND046930277	U228	2000	L	Y	S01	WASTE TRICHLOROETHYLENE
3		D002	1200	L	N	S01 T31	WASTE HYPOCHLORITE SOLUTION
4	MND046930277	D002	2000	L	N	S01 T31	WASTE POTASSIUM HYDROXIDE SOLUTION.
5	MND046930277	D001	800	L	Y	S01	WASTE HEXANE

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C F:26 - F.4 (g)*

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY
REPORT YEAR: 19 8

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	MOS?	HANDLING METHOD	DESCRIPTION OF WASTE
1	MND046930277	D001	12.00	L	Y	S01	WASTE ALCOHOL NOS
2	MND046930277	D001	20.00	L	Y	S01	WASTE DENATURED ALCOHOL
3	MND046930277	D002	3.50	L	N	S01 T31	WASTE ACETIC ACID, GLACIAL
4							
5							

NOTE: This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)

NEW JERSEY DEPARTMENT EN. ONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III - SUPPLEMENT
GENERATOR LISTING

0395

READ ALL ENCLOSED INSTRUCTIONS BEFORE FILLING OUT REPORT FORM

EPA ID NUMBER: NJD004362059
FACILITY NAME: FISHER SCIENTIFIC COMPANY
REPORT YEAR: 1988

	GENERATOR EPA ID NUMBER	GENERATOR NAME	MANIFESTS RECEIVED
1	ILD074399684	FISHER SCIENTIFIC COMPANY	NJA024861
	GENERATOR STREET ADDRESS →	1600 WEST GLEN LAKE AVENUE	NJA026461
	GENERATOR CITY / STATE / ZIP CODE →	CITY ITASCA STATE IL ZIP CODE 60143	NJA026461
2	ILD074399684	SAME AS ABOVE	NJA026461
	GENERATOR STREET ADDRESS →		NJA026462
	GENERATOR CITY / STATE / ZIP CODE →	CITY STATE ZIP CODE	
3	MND046930277	FISHER SCIENTIFIC COMPANY	NJA034655
	GENERATOR STREET ADDRESS →	10230 WEST 70TH STREET	NJA034655
	GENERATOR CITY / STATE / ZIP CODE →	CITY EDEN PRAIRIE STATE MN ZIP CODE 55344	NJA034655
4	MND046930277	SAME AS ABOVE	NJA034655
	GENERATOR STREET ADDRESS →		
	GENERATOR CITY / STATE / ZIP CODE →	CITY STATE ZIP CODE	
5			
	GENERATOR STREET ADDRESS →		
	GENERATOR CITY / STATE / ZIP CODE →	CITY STATE ZIP CODE	
6			
	GENERATOR STREET ADDRESS →		
	GENERATOR CITY / STATE / ZIP CODE →	CITY STATE ZIP CODE	
7			
	GENERATOR STREET ADDRESS →		
	GENERATOR CITY / STATE / ZIP CODE →	CITY STATE ZIP CODE	
8			
	GENERATOR STREET ADDRESS →		
	GENERATOR CITY / STATE / ZIP CODE →	CITY STATE ZIP CODE	

Fisher Scientific

Chemical Business Unit
1 Reagent Lane
Fair Lawn, NJ 07410
(201) 796-7100

May 31, 1989

State of New Jersey
Department of Environmental
Protection
Division of Hazardous Waste
Management
401 East State Street - CN028
Trenton, NJ 08625

ATTN: Nancy Power, Chief
Bureau of Manifest &
Information Systems

Dear Ms. Power,

Enclosed please find two copies of the 1988 Annual Reports for the following Fisher Scientific Companies:

Fisher Scientific Company
1 Reagent Lane
Fair Lawn, NJ 07410
EPA ID No. NJD 004362059

Fisher Scientific Company
755 U.S. Route 202
Somerville, NJ 08876
EPA ID No. NJD 052207982

Due to a change in the methodology for calculating waste minimization, this section of the report will be filed by July 1, 1989. This will allow for additional time to convert the 1987 report to the new method.

Also enclosed are two (2) checks for $400.00/Ea. for processing fees.

Should you have have any further questions or require more information please contact me at (201) 796-7100, Ext. 285.

Sincerely,

FISHER SCIENTIFIC COMPANY

Howard Zlotkin
Acting Manager, Environmental
Affairs

HZ/ns
Enclosures

NEW JERSE. PARTMENT OF ENVIRONMENT. ROTECTION

HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
CERTIFICATION FORM

ITEM 1 USEPA Identification Number: NJD 004 362 059

ITEM 2 Generator (Company) Name: Fisher Scientific Company

ITEM 3 Contact Person: Howard Zlotkin

ITEM 4 Phone Number: (201) 796-7100

ITEM 5 Certification:

I certify that the information given in this annual report is true, accurate and complete and that I have received the following guide, "GENERATOR'S GUIDE TO UNDERSTANDING THE NEW JERSEY HAZARDOUS WASTE REGULATIONS ".

Howard Zlotkin		31 May 89
(Print or type name)	(Signature)	(Date)

ITEM 6

A ☐ This site (company) generated less than 1.33 tons of hazardous waste for the calendar year 1988 (No Fee)

B ☐ This site (company) generated greater than 1.33 tons of hazardous waste but less than 10 tons of hazardous waste during the calendar year 1988 (Fee $200)

C ☐ This site (company) generated greater than 10 tons of hazardous but less than 100 tons of hazardous waste during the calendar year (Fee $300)

D ☒ This site (company) generated greater than 100 tons of hazardous waste during the calendar year (Fee $400)

ITEM 7 Federal Vendor Identification Number

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
WASTE SUMMARY FORM

Generator (Company) Name Fisher Scientific Company

US EPA ID Number NJD 004 362 059

Directions

Please indicate below the total quantity of hazardous waste manifested during the 1988 report year for each unit of measure. Enter the units of measure as they appeared in item #14 of the manifest. Do not convert one form of unit of measure to another.

87,365 G - Gallons (liquids only)

171,722 P - Pounds

0 T - Tons

975 Y - Cubic Yards

0 L - Liters (Liquids only)

0 K - Kilograms

55-271
212

Fisher Scientific

Fair Lawn Branch
1 Reagent Lane
Fair Lawn, N. J. 07410

NO. 0036823

MO.	DAY	YR	AMOUNT
05	31	89	***$400.00

NOT GOOD 60 DAYS AFTER DATE OF ISSUE

EXACTLY ***400 AND 00/100 CENTS

$50.00 OR LESS REQUIRES ONE SIGNATURE

AUTHORIZED SIGNATURE

TREASURER STATE OF NEW JERSEY
401 EAST STATE ST.
CN 028
TRENTON, NJ 08625

NATIONAL COMMUNITY BANK, FAIR LAWN, N. J.

⑈0036823⑈ ⑆021202719⑆ 00070 386 9⑈

DETACH BEFORE DEPOSITING

	DATE	DESCRIPTION	AMOUNT	DEDUCTIONS	NET
	5/31/89	ANNUAL REPORT FEE 1988 - HAZARDOUS WASTE - FAIR LAWN ID #NJD 004 362 059	$400.00	-0-	$400.00

ENDORSEMENT CONSTITUTES FULL PAYMENT FOR ITEMS LISTED ABOVE

Fisher Scientific

1 REAGENT LANE FAIR LAWN, N. J. 07410

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight 5. EPA ID No.: NJD000692343

6. TSD Facility Name: Marisol Inc. 7. EPA ID No.: NJD002454544

8. TSD Address: 125 Factory Lane, Middlesex, NJ 08846

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
F002	RQ Hazardous Waste Liquid	ORM-E	72,800	P
F002	Waste Methylene Chloride	ORM-A	900	P
F004	Waste Cresol	ORM-A	1,350	P
U080	RQ Waste Methylene Chloride	ORM-A	16,350	P
U080	RQ Waste Chlorinated Solvent	ORM-A	16,200	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Marisol Inc. 5. EPA ID No.: NJD002454544

6. TSD Facility Name: Marisol, Inc. 7. EPA ID No.: NJD002454544

8. TSD Address: 125 Factory Lane, Middlesex, NJ 08846

9.	A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
	D001	Waste Flammable Liquid NOS	Flammable Liquid	5,900	G
	F003	Waste Flammable Liquid NOS	Flammable Liquid	25,140	G
	F005	Waste Flammable Liquid NOS	Flammable Liquid	36,620	G

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Comapny 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: I.T. Corp. 5. EPA ID No.: NJD000603563

6. TSD Facility Name: E.I. DuPont DeNemours 7. EPA ID No.: NJD00238570

8. TSD Address: Chamber Works Rt. 130, Deepwater, NJ 08023

9.	A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
	X900	Non-Regulated Chemicals	Non-Regulated	15,000	G

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Env. Transfer Corp. 5. EPA ID No.: NJD991291584

6. TSD Facility Name: Advanced Env. Tech. Corp. 7. EPA ID No.: NJD080631369

8. TSD Address: Gold Mine Road, Flanders, NJ 07836

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D002	Waste Phosphorous Oxychloride	Corrosive Material	800	P
D002	Waste Bromine	Corrosive Material	80	P
D002	Waste Hydrofluoric Acid	Corrosive Material	320	P
D002	Waste Sodium Hydroxide	Corrosive Material	50	P
D002	Waste Ethylene diamine	Corrosive Material	40	P
D002	Waste Alkaline Corrosive Liquid	Corrosive Material	40	P
D002	Waste Corrosive Liquid NOS	Corrosive Material	2,590	P
D002	Waste Acetic Acid, Glacial	Corrosive Material	90	P
D002	Waste Hydroflourosilic Acid	Corrosive Material	20	P
D002	Waste Oleum	Corrosive Material	70	P
D002	Waste Octyltrichlorosilane	Corrosive Material	8	P
D002	Waste Phosphoric Anhydride	Corrosive Material	7	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Env. Transfer Corp. 5. EPA ID No.: NJD991291584

6. TSD Facility Name: Advanced Env. Tech. Corp 7. EPA ID No.: NJD080631369

8. TSD Address: Gold Mine Road, Flanders, NJ 07836

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D002	Waste Nitric Acid < 40%	Corrosive Material	10	P
D002	Waste Cupri-ethylene diamine Soln.	Corrosive Material	10	P
D002	Waste Corrosive Solid NOS	Corrosive Material	10	P
D002	Waste Tri-chloroacetic Acid Solid	Corrosive Material	20	P
D002	Waste Corrosive Liquid Poisonous	Corrosive Material	10	P
D001	Waste Ammonium Sulfide Soln.	Flammable Liquid	60	P
D001	Waste Flammable Liquid NOS	Flammable Liquid	132	P
D001	Waste Oxidizer NOS	Oxidizer	490	P
D001	Waste Oxidizer Corrosive Liquid NOS	Oxidizer	10	P
D001	Waste Picric Acid 10% Wet	Flammable Solid	48	P
D001	Waste Flammable Liquid Corrosive	Flammable Liquid	20	P
D001	Waste Per-chlorate NOS	Oxidizer	7	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Env. Transfer Corp. 5. EPA ID No.: NJD991291584

6. TSD Facility Name: Advanced Env. Tech. Corp. 7. EPA ID No.: NJD080631369

8. TSD Address: Gold Mine Road, Flanders, NJ 07836

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D003	Waste Calcium Metal	Flammable Solid	70	P
D003	Waste Potassium Metal	Flammable Solid	26	P
D003	Waste Magnesium Metal	Flammable Solid	16	P
D003	Waste Water Reactive Solid NOS	Flammable Solid	150	P
D007	Hazardous Waste Liquid	ORM-E	120	P
D007	RQ Waste ORM-A	ORM-A	60	P
D007	Waste Poison B Solid NOS	Poison B	70	P
D005	Waste Poison B Solid NOS	Poison B	10	P
D006	Hazardous Waste Solid	ORM-E	10	P
D008	Hazardous Waste Solid	ORM-E	10	P
D011	Hazardous Waste Solid	ORM-E	10	P
F003	Waste Flammable Liquid NOS	Flammable Liquid	280	P
F003	Waste Flammable Solid	Flammable Solid	200	P
F005	Waste Flammable Liquid NOS	Flammable Liquid	240	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Env. Transfer Corp. 5. EPA ID No.: NJD991291584

6. TSD Facility Name: Advanced Env. Tech. Corp 7. EPA ID No.: NJD080631369

8. TSD Address: Gold Mine Road, Flanders, NJ 07836

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
P022	Waste Flammable Liquid NOS	Flammable Liquid	60	P
P105	Waste Sodium Azide	Poison B	11	P
P022	Waste Carbon Disulfide	Flammable Liquid	10	P
X850	Waste ORM-A	ORM-A	130	P
X850	Hazardous Substance Solid	ORM-E	120	P
X850	Waste Chemicals NOS	DOT Non-Regulated	1,250	P
X850	Waste Poison B Solid NOS	Poison B	60	P
X850	Hazardous Substance Liquid NOS	ORM-E	240	P
X850	Waste Poison B Liquid NOS	Poison B	68	P
X850	Waste ORM-B	ORM-B	60	P
X910	Hazardous Waste Solid	ORM-E	200	P
U001	Waste Acetal-dehyde	Flammable Liquid	8	P
U003	Waste Aceto-nitrile	Flammable Liquid	180	P
U072	Waste Poison B Solid	Poison B	60	P
U169	Waste Poison B Liquid	Poison B	60	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Env. Transfer Corp. 5. EPA ID No.: NJD991291584

6. TSD Facility Name: Advanced Env. Tech. Corp 7. EPA ID No.: NJD080631369

8. TSD Address: Gold Mine Road, Flanders, NJ 07836

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
U122	Waste ORM-A NOS	ORM-A	10	P
U187	Waste Poison B Solid NOS	Poison B	60	P
U188	Waste Poison B Liquid NOS	Poison B	60	P
U201	Hazardous Waste Solid NOS	ORM-E	240	P
U201	Waste Poison B Solid NOS	Poison B	120	P
D002	Waste Hydrochloric Acid Solution	Corrosive Material	10	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Applied Refinery Service 5. EPA ID No.: NJD

6. TSD Facility Name: E.I. DuPont DeNemours 7. EPA ID No.: NJD002384730

8. TSD Address: Chamber Works Rt. 130, Deepwater, NJ 08023

9.	A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
	X900	Non-Regulated Chemicals	DOT Non-Regulated	2,700	G

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Freehold Cartage Inc. 5. EPA ID No.: NJD054126164

6. TSD Facility Name: E.I. DuPont DeNemours 7. EPA ID No.: NJD002385730

8. TSD Address: Chamber Works Rt. 130, Deepwater, NJ 08023

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D002	Waste Corrosive Liquid NOS	Corrosive Material	1,985	G

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Freehold Cartage Inc. 5. EPA ID No.: NJD054126164

6. TSD Facility Name: Cyanokem Inc. 7. EPA ID No.: MID098011992

8. TSD Address: 12381 Schaefer Hwy., Detroit, MI 48227

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D003	Waste Poison B Solid	Poison B	275	P
D003	Waste Poison B Liquid	Poison B	250	P
P106	Waste Sodium Cyanide	Poison B	500	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Service 5. EPA ID No.: NJD000692343

6. TSD Facility Name: Thermalkem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, RockHill, SC 29730

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D001	RQ Waste Flammable Liquid NOS	Flammable Liquid	2,700	P
D001/D002	Waste Flammable Corrosive NOS	Corrosive Material	225	P
D001	Waste Flammable Solid	Flammable Solid	750	P
D001	RQ Oxidizing Material NOS	Oxidizer	1,200	P
D001	Waste Flammable Solid Poisonous	Flammable Solid Poison	75	P
D002	RQ Corrosive Liquid NOS	Corrosive Material	1,050	P
D002	RQ Corrosive Solid NOS	Corrosive Material	600	P
D002	Hydrofluoric Acid	Corrosive Material	600	P
D002	Hydrofluoric Acid	Corrosive Material	20	G
D002/D001	RQ Waste Corrosive Liquid Poison NOS	Corrosive Material	225	P
D001	Waste Sodium Dichromate	Oxidizer	300	P
D003	Waste Water Reactive Solid NOS	Flammable Solid	75	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Service 5. EPA ID No.: NJD000692343

6. TSD Facility Name: Thermalkem Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Vernesdale Road, Rockhill, SC 29730

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
NONE	Irritating Agents	Irritating Agents	150	P
D008	RQ Waste Poison B Liquid	Poison B	450	P
U188	RQ Waste Phenol Liquid	Phenol Liquid	75	P
U201	Hazardous Waste Solid NOS	ORM-E	75	P
P098	RQ Hazardous Waste Chemicals	ORM-E	375	P
P106	Waste Poisonous Solid	Poison B	900	P
6666*	Waste Cupric Sulfate	ORM-E	75	P
6666*	Hazardous Waste Liquid	ORM-E	150	P
6666*	Waste ORM-B NOS	ORM-B	75	P
6666*	Waste Poisonous Solid NOS	Poison B	1,125	P
6666*	Waste Poisonous Liquid NOS	Poison B	970	P
7777*	Non-Regulated Material	DOT Non-Regulated	1,475	P
P030/ P188	Waste Poisonous Liquid	Poison B	675	P
P106/ P105	Waste Poisonous Solid	Poison B	825	P

* South Carolina Waste Code

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Waste Conversion Inc. 5. EPA ID No.: PAD085690592

6. TSD Facility Name: Waste Conversion Inc. 7. EPA ID No.: PAD085690592

8. TSD Address: 2869 Sandstone Dune, Hatfield, PA 19440

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
F001/ F002/ F003/ F005	Hazardous Waste Solid NOS	ORM-E	32,000	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: HazMat Environmental 5. EPA ID No.: NJD980769947

6. TSD Facility Name: Battery Disposal Tech. 7. EPA ID No.: NYD000632372

8. TSD Address: 4255 Research Parkway, Clarence, NY 14301

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D002	Waste Aluminum Chloride	Corrosive Material	10	P
U246	Waste Cyanogen Bromide	Poison B	4	P
D003	Water Reactive Solid NOS	Flammable Solid	7	P

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Suttles Truck Leasing 5. EPA ID No.: ALD09570411

6. TSD Facility Name: Thermalkem Inc. 7. EPA ID No.: SC044442333

8. TSD Address: Route 5, Rockhill, SC

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
D001	Flammable Liquid NOS	Flammable Liquid	825	P
D001	Waste Ammonium Sulfide Soln.	Flammable Liquid	225	P
D001	Waste Oxidizing Material NOS	Oxidizer	825	P
D001	Waste Flammable Solid	Flammable Solid	525	P
D001	Waste Sodium Metal	Flammable Solid	50	P
D001	Waste Benzoyl Peroxide	Organic Peroxide	150	P
D001	Waste Oxidizer	Oxidizer	75	P
D002	Waste Corrosive Poisonous Liquid NOS	Corrosive Material	525	P
P098/P105	Waste Poisonous Solid NOS	Poison B	150	P
P106/ 6666*	Waste Poisonous Liquid NOS	Poison B	375	P
7777*	Non-Regulated Material	ORM-E	75	P
7777*	Non-Regulated Material	NONE	450	P
6666*	Napthalene	ORM-A	75	P
6666*	Sodium Dichromate	ORM-A	225	P
6666*	ORM-A NOS	ORM-A	75	P

* South Carolina Waste Code

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Suttles Truck Leasing 5. EPA ID No.: ALD095704011

6. TSD Facility Name: Thermalkem, Inc. 7. EPA ID No.: SCD044442333

8. TSD Address: Route 5, Rockhill, SC

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
6666*	Ferrous Ammonium Sulfate	ORM-E	150	P
6666*	Poisonous Liquid NOS	Poison B	525	P
6666*	Poisonous Solid NOS	Poison B	750	P
6666*	Hazardous Waste Solid NOS	ORM-E	525	P
6666*	Hazardous Waste Liquid NOS	ORM-E	75	P

* South Carolina Waste Code

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Waste Conversion 5. EPA ID No.: PAD085690592

6. TSD Facility Name: Wayne Disposal, Inc. 7. EPA ID No.: MID048090633

8. TSD Address: 49350 N. Service Drive, Belleville, MI 48111

9. A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
F001/ F002/ F003/ F005	RQ Hazardous Waste Solid	ORM-E	720	C.Y.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Merola Enterprise 5. EPA ID No.: NJD980649859

6. TSD Facility Name: Wayne Disposal, Inc. 7. EPA ID No.: MID048090633

8. TSD Address: 49350 N. Service Drive, Belleville, MI 48111

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
F001/ F002/ F003/ F005	RQ Hazardous Waste Solid	ORM-E	75	C.Y.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Continental Vanguard 5. EPA ID No.: NJD067387514

6. TSD Facility Name: Wayne Disposal, Inc. 7. EPA ID No.: MID048090633

8. TSD Address: 49350 N. Service Drive, Belleville, MI 48111

9.	A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
	F001/ F002/ F003/ F005	RQ Hazardous Waste Solid NOS	ORM-E	120	C.Y.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1988
- REPORT FORM -

1. Generator Name: Fisher Scientific Company 2. EPA ID No.: NJD004362059

3. Site Address: 1 Reagent Lane, Fair Lawn, NJ 07410-2885

4. Transporter Name: Perretti Freight Co. 5. EPA ID No.: NJD000692343

6. TSD Facility Name: Wayne Disposal, Inc. 7. EPA ID No.: MID048090633

8. TSD Address: 49350 N. Service Drive, Belleville, MI 48111

9.

A) Waste Number	B) Waste Description	C) DOT Haz Class	D) Total Quantity	E) Units
F001/ F002/ F003/ F005	RQ Hazardous Waste Solid NOS	ORM-E	45	C.Y.

ALLIED Fisher Scientific

Chemical Division
1 Reagent Lane
Fair Lawn, NJ 07410
(201) 796-7100

April 25, 1986

NJ Department of Environmental Protection
Division of Waste Management
Bureau of Manifest and Information Systems
32 East Hanover Street
Trenton, NJ 08625

ATTN: Manifest Section - Annual Reports

Dear Sirs,

Please find attached the Hazardous Waste Generator Report for 1985 for our Fair Lawn Plant, EPA ID No. NJD 004 362 059. Also attached is our response to the Hazardous Waste Minimization Survey.

If you have any questions, please call me at (201) 796-7100.

Sincerely,

FISHER SCIENTIFIC COMPANY

Jay F. Young
Manager, Environmental Affairs

JFY/ns

Attachment

cc: L. J. Hover
F. M. Moran
G. R. Rayer
F. E. Winscott

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1985
- CERTIFICATION FORM -

I. EPA ID Number: NJD 004 362 059

II. Generator Name: FISHER SCIENTIFIC COMPANY, 1 REAGENT LANE, FAIR LAWN, NJ 07410

III. Contact Person: Frank E. Winscott, Director of Engineering

IV. Phone Number: (201) 796-7100,208

V. Certification:

I certify that the information given in this annual report is true, accurate and complete.

Frank E. Winscott
(Print or type name)

(Signature)

4-25-86
(Date)

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1985
- REPORT FORM -

1. Generator Name: FISHER SCIENTIFIC COMPANY EPA ID No.: NJD 004 362 059

Site Address: 1 REAGENT LANE, FAIR LAWN, NJ 07410

2. Transporter Name: ENVIRONMENTAL TRANSFER CORP EPA ID No.: NJD 991 291 584
Second Transporter--ENVIRONMENTAL TRANS GROUP INC. NJD 000 692 061
3. TSD Facility Name: CECOS TREATMENT CORP EPA ID No.: CTD 000 604 488

TSD Address: 51 BRODERICK ROAD, BRISTOL, CT 06010

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
D002	Corrosive Liquid	Corrosive Material	2800	P
D002	Corrosive Liquid	Corrosive Material	800	P
D002	Alkaline Corrosive Liquid	Corrosive Material	2000	P
X940	Hazardous Waste Liquid NOS	ORME	5200	P

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1985
- REPORT FORM -

1. Generator Name: FISHER SCIENTIFIC COMPANY EPA ID No.: NJD 004 362 059

Site Address: 1 REAGENT LANE, FAIR LAWN, NJ 07410

2. Transporter Name: MOLA TRUCKING T/A EPA ID No.: NJD 002 779 262

3. TSD Facility Name: CECOS INTERNATIONAL EPA ID No.: NYD 080 336 241

TSD Address: 56th STREET NIAGARA BLVD., NIAGARA FALLS, NY 14302

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
D001	Flammable Liquid	Flammable Liquid	200	P
D001	NOS Oxidizer NOS	Oxidizer	400	P
D001	Oxidizer Poisonous Solid	Oxidizer	400	P
D002	Corrosive Liquid NOS	Corrosive Material	600	P
D002	Ethylene Chlorohydrin	Poison B	1,200	P
X940	Poison B Solid NOS	Poison B	600	P
D002	Corrosive Solid NOS	Corrosive Material	600	P
X910	Waste Chemicals NOS	DOT - Non Regulated	24,300	P
X940	Hazardous Waste Solid NOS	ORME	200	P
D001	Acetaldehyde	Flammable Liquid	400	P

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1985
- REPORT FORM -

1. Generator Name: FISHER SCIENTIFIC COMPANY EPA ID No.: NJD 004 362 059

   Site Address: 1 REAGENT LANE, FAIR LAWN, NJ 07410

2. Transporter Name: MOLA TRUCKING T/A EPA ID No.: NJD 002 779 262

3. TSD Facility Name: CECOS INTERNATIONAL EPA ID No.: NYD 080 336 241

   TSD Address: 56th STREET NIAGARA BLVD., NIAGARA FALLS, NY 14302

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
D002	Phosphorous Pentachloride Solid	Corrosive Material	600	P
X940	Hazardous Waste Liquid NOS	ORME	200	P
D002	Waste Corrosive Liquid	Corrosive Material	2,400	P

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1985
- REPORT FORM -

1. Generator Name: FISHER SCIENTIFIC COMPANY EPA ID No.: NJD 004 362 059

   Site Address: 1 REAGENT LANE, FAIR LAWN, NJ 07410

2. Transporter Name: FREEHOLD CARTAGE INC. EPA ID No.: NJD 054 126 164

3. TSD Facility Name: MARISOL INC. EPA ID No.: NJD 002 454 544

   TSD Address: 125 FACTORY LANE, MIDDLESEX, NJ 08846

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
D001	Flammable Liquid NOS	Flammable Liquid	77,000	Gallons

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1985
- REPORT FORM -

1. Generator Name: FISHER SCIENTIFIC COMPANY EPA ID No.: NJD 004 362 059

Site Address: 1 REAGENT LANE, FAIR LAWN, NJ 07410

2. Transporter Name: ETC EPA ID No.: NJD 991 291 584

3. TSD Facility Name: AETC EPA ID No.: NJD 080 631 369

TSD Address: GOLD MINE ROAD, FLANDERS, NJ 07836

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
D001	Flammable Liquid NOS	Flammable Liquid	2,600	P
D001	Flammable Liquid Corrosive	Flammable Liquid	822	P
D001	Oxidizer Poisonous Solid	Oxidizer	3,000	P
D001	Flammable Solid NOS	Flammable Solid NOS	801	P
D003	Reactive Solid	Flammable Solid	12	P
D002	Corrosive Liquid NOS	Corrosive Material	6,500	P
D002	Corrosive Liquid Poisonous	Corrosive Material	800	P
X940	Poison B Liquid NOS	Poison B	1,480	P
X940	Poison B Solid NOS	Poison B	9,200	P
U122	Formaldehyde	ORMA	2,400	P

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1985
- REPORT FORM -

1. Generator Name: FISHER SCIENTIFIC COMPANY EPA ID No.: NJD 004 362 059

Site Address: 1 REAGENT LANE, FAIR LAWN, NJ 07410

2. Transporter Name: ETC EPA ID No.: NJD 991 291 584

3. TSD Facility Name: AETC EPA ID No.: NJD 080 631 369

TSD Address: GOLD MINE ROAD, FLANDERS, NJ 07836

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
F002	Waste ORMA	ORMA	38,400	P
X850	Hazardous Waste Solid	ORME	3,400	P
D001	Waste Oxidizer NOS	Oxidizer	1,000	P
P030	Cyanide Solution	Poison B	1,400	P
X940	Waste ORMA	ORMA	200	P
X940	Hazardous Waste Solid NOS	ORME	6,000	P
P030	Poison B Solid NOS	Poison B	200	P
P030	Poison B Liquid	Poison B	400	P
P030	Cyanide Mixture	Poison B	400	P
U122	Formaldehyde	ORMA	6,800	P
D001	Hazardous Waste Solid NOS	ORME	400	P

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1985
- REPORT FORM -

1. Generator Name: FISHER SCIENTIFIC COMPANY EPA ID No.: NJD 004 362 059

Site Address: 1 REAGENT LANE, FAIR LAWN , NJ 07410

2. Transporter Name: ETC EPA ID No.: NJD 991 291 584

3. TSD Facility Name: AETC EPA ID No.: NJD 080 631 369

TSD Address: GOLD MINE ROAD, FLANDERS, NJ 07836

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
X850	Waste Chemicals	DOT Non-Regulated	1,000	P
X910	Waste Chemicals	DOT Non-Regulated	400	P
D001	Butyl Chloride	Flammable Liquid	1,600	P
D001	Organic Peroxide Solid	Organic Peroxide	1	P
D003	Reactive Solid	Flammabie Solid	5	P
D003	Magnesium Scrap	Flammable Solid	5	P
D003	Phosphorous Red	Flammable Solid	7	P
D003	Phosphorous Yellow in Water	Flammable Solid	1	P
D0002	Bromine	Corrosive Material	200	P
P105	Sodium Azide	Poison B	5	P

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1985
- REPORT FORM -

1. Generator Name: FISHER SCIENTIFIC COMPANY EPA ID No.: NJD 004 362 059

Site Address: 1 REAGENT LANE, FAIR LAWN, NJ 07410

2. Transporter Name: ETC EPA ID No.: NJD 991 291 584

3. TSD Facility Name: RETC EPA ID No.: NJD 080 631 369

TSD Address: GOLD MINE ROAD, FLANDERS, NJ 07836

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
D002	Corrosive Solid NOS	Corrosive Material	200	P
X940	Hazardous Waste Liquid	ORME	600	P
X910	Hazardous Waste Solid NOS	ORME	1,500	P
D001	Perchlorate	Oxidizer	1	P
D003	Calcium Carbide	Flammable Solid	1	P
D003	Cesium Metal	Flammable Solid	2	P
D003	Lithium Aluminum Hydroxide	Flammable Solid	1	P
D001	Picric Acid with not less than 10% Water	Flammable Solid	1	P
D003	Phosphorous Pentasulfide	Flammable Solid	172	P
X940	Dinitrobenzene	Poison B	2	P

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1985
- REPORT FORM -

1. Generator Name: FISHER SCIENTIFIC COMPANY EPA ID No.: NJD 004 362 059

Site Address: 1 REAGENT LANE, FAIR LAWN, NJ 07410

2. Transporter Name: ETC EPA ID No.: NJD 991 291 584

3. TSD Facility Name: AETC EPA ID No.: NJD 080 631 369

TSD Address: GOLD MINE ROAD, FLANDERS, NJ 07836

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
X940	Zinc Sulfate	CRME	200#	P
D002	Cresol	Corrosive Material	40#	P
D002	Alkaline (Corrosive) Liquid	Corrosive Material	200#	P

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1985
- WASTE SUMMARY FORM -

Generator Name: FISHER SCIENTIFIC COMPANY

EPA ID No.: NJD 004 362 059

Please indicate below the total quantity of hazardous waste manifested during the 1985 report year for each unit of measure:

77,000 G - Gallons (liquids only)

135,253 P - Pounds

-0- T - Tons (2,000 lbs.)

-0- Y - Cubic Yards

-0- L - Liters (liquids only)

-0- K - Kilograms

-0- M - Metric Tons (1,000 kg)

-0- N - Cubic Meters

*Enter zero (0) for units of measure which were not utilized.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
HAZARDOUS WASTE MINIMIZATION SURVEY

HAZARDOUS WASTE GENERATOR WASTE REDUCTION PROGRAM, FY 1985

- Please complete both sides -

Company: FISHER SCIENTIFIC COMPANY (Name) NJD 004 362 059 (EPA ID Number)

Mailing Address: 1 REAGENT LANE (Street) FAIR LAWN, NJ (City) 07410 (Zip Code)

Location of Generator Site: (if different from mailing address)

Contact Person: JAY F. YOUNG (Name) (201) 796-7100/251 (Telephone Number)

(Signature) MANAGER, ENVIRONMENTAL AFFAIRS (Title)

Please provide information about your company's hazardous waste minimization program. (If more space is needed, please answer on a separate sheet of paper and attach it to the questionnaire.)

1. Separation

Is your company's waste collection system designed to decrease the volume of hazardous waste by keeping hazardous waste separate from non-hazardous waste?

Yes (No)

If yes, has the system been improved in the past year to further reduce the amount of hazardous waste?

Yes (No)

What reduction in volume was achieved in the last year?

2. Substitution

Has your company substituted a hazardous material with a non-hazardous or less hazardous material to reduce either the amount or toxicity of hazardous waste generated by your operation?

Yes (No)

If yes, when was the substitute introduced, and to what extent has it reduced the toxicity or amount of hazardous waste generated in the last year?

3. Efficiency

Has your company improved the efficiency of operations so as to reduce the amount of hazardous waste generated?

Yes (No)

If yes, please describe it briefly and state when it was instituted.

What amount of waste reduction was achieved in the last year?

4. Recycling on-site [1]

Does your company's waste reduction program include a hazardous waste recycling operation on-site?

Yes (No)

If yes, please briefly describe the recycling operation and state when it was instituted.

What amount of waste reduction was achieved in the last year?

5. Treatment on-site

Does your company's hazardous waste reduction program include on-site waste treatment which minimizes the toxicity or amount of hazardous waste generated?

(Yes) No

If yes, please briefly describe the treatment operation and state when it was instituted.

[2]
To what extent has the treatment operation reduced toxicity or reduced the amount of hazardous waste generated in the past year?

Neutralization of Acid and Caustic Materials	15,000 gals.
All other Chemical treatment	220 gals.

HAZARDOUS WASTE GENERATOR WASTE REDUCTION PROGRAM

1) RECYCLING OFF-SITE:

We have a program in place which recycles waste materials off-site.

95% of all waste flammable solvent in recycled off-site.

80% of all waste mixed chlorinated solvents are reclaimed.

2) TREATMENT CONSISTS OF THE FOLLOWING OPERATION:

a) Acid Base Neutralization - Both strong and week acid and base solutions are neutralized to a pH of 5-7 and then discharged to the POTW an example is as follows:

$95\% \ H_2SO_4 + 2NaOH \quad Na_2SO_4 + 2H_2O$

b) Dilute cyanide destruction. Cyanide solutions of less than 1% are oxidized with hypochlorate to form the non-hazardous cyanate which is discharged to the POTW.

$Ca(OCl_2) + 2NaCn \quad 2NaCNO + CaCl_2$

c) Solutions containing free halogen (Cl_2, Br_2, I_2) are destroyed with sodium thiosulfate and released to the POTW.

$2NaOCl + 2Na_2S_2O_3 \quad Na_2S_4O_4 + 2\ NaCl + 2\ Na + O_2$

d) Azides are diluted and destroyed with ceric ammonium nitrate.

$NaN_3 + Ce(NO_3)_4 \quad 2(NH_4NO_3) \quad 3_2N_2 + NaNO_7 + Ce(NO_3)_3 + 2NH_4(NO_3)$

These procedures were adopted in 1980.

MARISOL INCORPORATED
INDUSTRIAL CHEMICALS
125 FACTORY LANE
MIDDLESEX, N. J. 08846
TEL (201) 469-5100

March 17, 1986

Fisher Scientific
1 Reagent Lane
Fairlawn, New Jersey 07401

Attention: Mr. Florencio Moran

Dear Mr. Moran,

Per our conversation today regarding the handling code utilized by Marisol, Inc., being T-04, T= Treatment 04= Other, which is recognized by the NJDEP as Recovery.

As we discussed regarding the off-site recycling as waste minimization, please find enclosed a copy of correspondence from the USEPA to the Director/Editor of the National Association of Solvent Recyclers, of which we are a member. I have high-lighted a statement on page two of that correspondence, which confirms our discussion.

If I may be of any further assistance, please do not hesitate to contact me.

Very truly yours,

Joann Kohl

Joann Kohl
Environmental Coordinator

JAK/cad

Enclosure (1)

AUG 5 1985

OFFICE OF
SOLID WASTE AND EMERGENCY RESPONSE

Ms. Faith Gavin Kuhn
Executive Director/Editor.
National Association of Solvent Recyclers
1333 New Hampshire Avenue, N.W.
Suite 1100
Washington, D.C. 20036

Dear Ms. Kuhn:

Thank you for your letter of July 19, 1985, requesting clarification on the types of activities that may be used to satisfy the waste minimization certification as required by the Hazardous and Solid Waste Amendments (HSWA) of 1984. In addition, thank you for the copy of the National Association of Solvent Recyclers' (NASR) latest industry brochure and membership list.

The HSWA establish as national policy the minimization of hazardous waste. The legislation requires waste minimization considerations to be addressed in the Resource Conservation and Recovery Act (RCRA) transport manifests, generator reports, and permits.

Senate Report No. 284, 98th Congress, 1st Session 66 (1983), articulates Congress' intent with regard to the waste minimization requirements in the HSWA. As this legislative history states, both minimization requirements for the manifest and biennial report refer to a certification by the generator that a program is in place to reduce the volume or quantity and toxicity of hazardous waste to the degree determined by the generator to be economically practicable. While the requirement to make this certification is mandatory, the determination of what waste minimization practices are economically practicable are to be made by the generator. The legislative history makes clear that Congress' objective in enacting the requirement for waste minimization certification is to encourage generators of hazardous waste to voluntarily reduce the quantity and toxicity of waste generated.

As we previously discussed, and as the legislative history suggests, generators that either recycle wastes on-site or send their wastes off-site to be recycled are exercising a form of waste minimization that may be used to satisfy the waste minimization certification requirement, and may certify as such on the uniform hazardous waste manifest.

The Agency appreciates NASR's concern with the waste minimization certification requirement. If you have any further questions, please let me know.

Sincerely,

John H. Skinner

John H. Skinner
Director
Office of Solid Waste (WH-562)

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- REPORT FORM -

1. Generator Name: Fisher Scientific Co EPA ID No.: NJD 004 362 059
   Site Address: 1 Reagent Lane Fairlawn NJ 07410
2. Transporter Name: Freehold Cartage Inc EPA ID No.: NJD 054126164
3. TSD Facility Name: MARISOL - Inc EPA ID No.: NJD 002455444
   TSD Address: 125 Factory Lane Middlesex NJ 07246

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
D001	Waste Flammable Liquid NOS	Flammable Liquid	16,899	Gallons
F003	Waste Flammable Liquid NOS	Flammable Liquid	11,005	Gallons

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

68356

2A

PAGE ~~1 OF 5~~ 1

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- REPORT FORM -

1. Generator Name: Fisher Scientific EPA ID No.: NJD 004 362 059
   Site Address: 1 Reagent Lane Fairlawn NJ 07410
2. Transporter Name: ETC EPA ID No.: NJD 991291584
3. TSD Facility Name: AETC EPA ID No.: NJD 080631369
   TSD Address: Goldmine Road Mt Olive NJ 07836

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
D001	Waste Flammable Liquid NOS	Flammable Liquid	3763	P
D001	Waste Flammable Liquid Poisonous	Flammable Liquid	240	P
D001	Waste Flammable solid	Flammable solid	1790	P
D001	Waste Flammable Liquid (corrosive)	Flammable Liquid	200	P
✓ D001	Waste carbon disulfide	Flammable Liquid	70	P
✓ U006	Waste acetyl chloride	Flammable Liquid	58	P
✓ U001	Waste acetaldehyde	Flammable Liquid	170	P
✓ U098	Waste Dimethyl hydrazine	Flammable Liquid	10	P
✓ U162	Waste Methyl Methacrylate	Flammable Liquid	20	P
✓ D003	Waste Water Reactive solid NOS	Flammable solid	20	P
✓ D003	Waste Magnesium metal	Flammable solid	25	P
✓ D003	Waste sodium azide	Flammable solid	11	P

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

6377

2B

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- REPORT FORM -

1. Generator Name: Fisher Scientific EPA ID No.: NJD 004 362 059
   Site Address: 1 Reagent Lane Fairlawn NJ 07410
2. Transporter Name: ETC EPA ID No.: NJD 981 291 584
3. TSD Facility Name: AETC EPA ID No.: NJD 080 631 369
   TSD Address: Rt 80 Rd Mt Olive NJ 07836

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
D003	Waste Lithium Metal	Flammable solid	20	P
D003	Waste cyanide metal	Flammable solid	7	P
D001	Waste solid hydrocarbons	Flammable solid	11	P
D001	Waste aluminum powder	Flammable solid	22	P
D001	Waste charcoal	Flammable solid	40	P
D001	Waste solid cellulose	Flammable solid	40	P
D001	Waste combustible liquid NOS	Combustible material	21	P
D001	Waste Mercuric Nitrate	oxidizer	60	P
D001	Waste Oxidizer NOS	oxidizer	1760	P
D001	Waste oxidizer poisonous solid NOS	oxidizer	1000	P
D001	Waste Methyl Methacrylate	Flammable liquid	40	P
D001	Waste Lead Nitrate	Oxidizer	250	P

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

3271

2C

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- REPORT FORM -

1. Generator Name: Fisher EPA ID No.: NJD 004 362 059
   Site Address: Fairlawn
2. Transporter Name: ETC EPA ID No.: NJD 551291584
3. TSD Facility Name: AETC EPA ID No.: NJD 086631369
   TSD Address: Model Road Mt Olive

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
D001	Waste Magnesium nitrate	Oxidizer	30	P
D001	Waste Nickel Nitrate	Oxidizer	500	P
D002	Waste corrosive liquid NOS	corrosive material	1348	P
D002	Waste corrosive liquid Phosphoric acid	corrosive material	800	P
D002	Waste Nitric/Chromic acid	corrosive material	376	P
D002	Waste Primers	corrosive material	70	P
D002	Waste corrosive solids	corrosive solid	70	P
D002	Waste Hydrochloric acid	corrosive material	10	P
D002	Waste Silicon Tetrachloride	corrosive material	110	P
D002	Waste Chromium Trichloride	corrosive material	30	P
D002	Waste Titanium Tetrachloride	corrosive material	20	P
D002	Waste Oleum	corrosive material	30	P

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

3404

21)

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- REPORT FORM -

1. Generator Name: Fisher EPA ID No.: NJD004362059

Site Address: Fairlawn

2. Transporter Name: ETC EPA ID No.: NJD991291584

3. TSD Facility Name: AETC EPA ID No.: NJD080631369

TSD Address: Goldman Rd Mt Olive NJ 07836

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
D002	Waste Phosphorus anhydride	corrosive mat	60	P
D002	Waste Iodine monochloride	corr. mat	10	P
D002	Waste Sulfuric acid	corrosive mat	10	P
D002	Waste Thionyl chloride	" "	40	P
D002	Waste Sulfurous acid	" "	223	P
D002	Waste Fluoboric acid	" "	20	P
D002	Waste cresol	" "	30	P
D001	Ferric nitrate	Oxidizer	240	P
D002	Hexafluorophosphoric acid	corrosive mat	40	P
X940	Poison B liquid	Poison B	2070	P
X940	Poison B solid	Poison B	1370	P
X940	Hazardous waste solid	ORME	2000	P

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

X940	Hazardous Waste liquid	ORME	1600	P

7718

2E

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- REPORT FORM -

1. Generator Name: Fisher Scientific EPA ID No.: NJD004 362 059
   Site Address: FAIR LAWN
2. Transporter Name: ETC EPA ID No.: NJD 991251584
3. TSD Facility Name: AETC EPA ID No.: NJD 086631369
   TSD Address: Old Mine Rd Mt Olive NJ 07836

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
P-105	Waste Sodium Azide	Poison B	10	P
X-940	Waste Phenol	Poison B	25	P
X-940	Waste Phenol w/ H2O	ORM E	30	P
X-940	Waste Phenol 6" DYE	Poison B	200	P
X-940	Waste Aniline Toluidine	ORM E	1,150	P
D005	Waste Poison B Solid NOS	Poison B	40	P
F002	Waste ORM A - NOS	ORM A	32,100	P
F002	Waste Poison B	Poison B	200	P
X900	Waste ORM A - NOS	ORM A	2000	P
X910	Waste Chemicals NOS	DOT Num Reg	2250	P
X910	Hazardous Waste Solid	ORM E	600	P
X350	Waste Chemicals NOS	DOT Num Reg	1331	P

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

U210 Waste Tetrachloroethylene ORM A 500 P

47,686

6377
3271
3414
7718

6345
9456

3

PAGE ___ OF ___

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- REPORT FORM -

1. Generator Name: Fisher Scientific EPA ID No.: NJD004362054
   Site Address: 1 Reagent Lane Fairlawn NJ 07410
2. Transporter Name: ETGI EPA ID No.: NJT000652061
3. TSD Facility Name: Ceco Treatment Corp EPA ID No.: CTD000604488
   TSD Address: 51 Broderick Road, Bristol CT 06010

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
D002	Waste Corrosive Liquids	Corrosive material	3680	P
K940	Hazardous Waste Liquids	ORM-E	10,000	P

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

4

PAGE ___ OF ___

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- REPORT FORM -

1. Generator Name: Fisher Scientific EPA ID No.: NJD004362059
   Site Address: 1 Prospect Lane Fairlawn NJ 07410
2. Transporter Name: Nappi Trucking EPA ID No.: NJD 002813477
3. TSD Facility Name: Marisol EPA ID No.: NJD 002454544
   TSD Address: 125 Factory Lane Middlesex NJ 07846

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
D001	Waste Flammable Liquid NOS	Flammable Liquid	35459	G
F003	Waste Flammable Liquid NOS	Flammable Liquid	10440	G

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

5

PAGE ___ OF ___

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- REPORT FORM -

1. Generator Name: Fisher Scientific Co EPA ID No.: NJD004362059
   Site Address: 1 Reagent Lane FAIRLAWN NJ 07410
2. Transporter Name: ~~[illegible]~~ Nearpe Trucking EPA ID No.: NJD000 813477
3. TSD Facility Name: E.I. Dupont EPA ID No.: NJD 002385730
   TSD Address: Chamber Works Deepwater NJ 08023

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
D002	Waste corrosive liquid NOS	corrosive material	400	Gw

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

(7)

PAGE ___ OF ___

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- REPORT FORM -

1. Generator Name: Fisher Scientific Co EPA ID No.: NJD004362059
   Site Address: 1 Reagent Lane Fairlawn NJ 07410
2. Transporter Name: Perretti Freight EPA ID No.: NJD000692343
3. TSD Facility Name: Stablex EPA ID No.: SCD 04444 2333
   TSD Address: Rt 5, Venerdale Rd Rock Hill, SC 29730

Manifest SC 04569

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
D001	Waste Flammable Liquid	NOS	Flammable Liquid	1050
D002	Corrosive Liquid	NOS	corrosive material	1050
6666 (D001)	Waste Oxidizer material	NOS	Oxidizer	825
6666 (X940)	Waste Poison Liquid	NOS	Poison B	1575
6666 (X940)	Hazardous Waste Liquid	NOS	ORM-2	5251

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- REPORT FORM -

1. Generator Name: Fisher Scientific Co EPA ID No.: NJD004362059
   Site Address: 1 Reagent Lane Fairlawn NJ 07410
2. Transporter Name: Delaware Container Co. EPA ID No.: PAD064375540
3. TSD Facility Name: E.I. Dupont EPA ID No.: NJD002385730
   TSD Address: Chamber Works Rt 130 Deepwater NJ 08023

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
D002	Waste Corrosive Liquid NOS	Corrosive material	1500	gal

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

(8)

PAGE ___ OF ___

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- REPORT FORM -

1. Generator Name: Ethicon Scientific EPA ID No.: NJD004362059
   Site Address: 1 Route 22 East Somerville NJ 08876
2. Transporter Name: Waste Conversion EPA ID No.: PAD 025690592
3. TSD Facility Name: Wayne Disposal Inc EPA ID No.: MI D048090633
   TSD Address: 49350 N. Service Dr. Belleville MI 48111

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
F001/D002	Hazardous Waste Solid N.O.S.	ORM-E	5107	Y

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- REPORT FORM -

1. Generator Name: Fisher Scientific Co EPA ID No.: NJD004362059
   Site Address: 1 Reagent Lane Fair Lawn NJ 07410
2. Transporter Name: Continental Van Lines EPA ID No.: NJD 067387514
3. TSD Facility Name: Waste Disposal EPA ID No.: MID 048090633
   TSD Address: 49350 N. Service Dr. Belleville MI 48111

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
F001/F002	Hazardous Waste Solid NOS	ORM E	750	#

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

(9)

PAGE ___ OF ___

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- REPORT FORM -

1. Generator Name: Fisher Scientific EPA ID No.: NJD 064362059

   Site Address: 1 Reagent Lane Fairlawn N.J. 07410

2. Transporter Name: Maida Trucking Co. EPA ID No.: NJD 986649859

3. TSD Facility Name: _____ EPA ID No.: _____

   TSD Address: _____

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
F001/F002	Hazardous Wastes Liquids	ORM-E	1005	Y

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

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PAGE ___ OF ___

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- REPORT FORM -

1. Generator Name: Fisher Scientific Co EPA ID No.: NJD004362059
   Site Address: 1 Reagent Lane Fairlawn NJ 07410
2. Transporter Name: BES Environmental EPA ID No.: PAD009232745
3. TSD Facility Name: Waste Disposal EPA ID No.: MID048090633
   TSD Address: 49350 N. Service Dr. Belleville MI 48111

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
2001/2002	Hazardous Waste Solid Gas	ORM E	45	V

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

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PAGE ___ OF ___

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- REPORT FORM -

1. Generator Name: Fisher Scientific Co EPA ID No.: NJD000436709
   Site Address: 1 Reagent Lane FAIRLAWN NJ 07410
2. Transporter Name: J. John Pfromm EPA ID No.: PAD 002781072
3. TSD Facility Name: Wayne Disposal Inc EPA ID No.: MID048090633
   TSD Address: 49350 N. Sewage Dr. Belleville MI 48111

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
F001/F002	Hazardous Waste Solid NOS	ORM E	225	V

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

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PAGE ___ OF ___

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- REPORT FORM -

1. Generator Name: Fisher Scientific Co EPA ID No.: NJD004362259
   Site Address: 1 Reagent Lane FAIRLAWN NJ 07410
2. Transporter Name: Horwith Trucking EPA ID No.: PAD064035819
3. TSD Facility Name: Waste Disposal Inc. EPA ID No.: MID042050633
   TSD Address: 49350 N. Sewage Dr. Belleville MI 48111

A.) Waste Number	B.) Waste Description	C.) DOT Haz Class	D.) Total Quantity	E.) Units
D001/D002	Hazardous Waste Solid Nos	ORM-E	225	Y

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1986
- WASTE SUMMARY FORM -

Generator Name: _____

EPA ID No.: _____

Please indicate below the total quantity of hazardous waste manifested during the 1986 report year for each unit of measure:

75,903 G - Gallons (liquids only)

87161 P - Pounds

_____ T - Tons (2,000 lbs.)

2760 Y - Cubic Yards

_____ L - Liters (liquids only)

_____ K - Kilograms

_____ M - Metric Tons (1,000 kg)

_____ N - Cubic Meters

*Enter zero (0) for units of measure which were not utilized.

15

Totals

Gallons		Pounds		cubic yards	
				510 ✓	
#1	16,899 ✓	#7	5025 P ✓	1005 ✓	
	11,005 ✓	#3	13680 P ✓	750 ✓	
#4	35659 ✓	#2A	13260 P ✓	45 ✓	
	10440 ✓	#2B	25375 P ✓	180	
		#2C	3651 P ✓	225 ✓	
#5	400 ✓	#2D	21660 P ✓	2,715	225 ✓
#6	1500 ✓		4510 P ✓	45 ✓	
	75,903		87161 ✓	2760 cubic yards	

~~62456~~ ~~20th [illegible] #2~~

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
HAZARDOUS SITE MITIGATION ADMINISTRATION
BUREAU OF INDUSTRIAL SITE EVALUATION

ENVIRONMENTAL CLEANUP RESPONSIBILITY ACT (ECRA)

INITIAL NOTICE

GENERAL INFORMATION SUBMISSION (GIS)

This is the first part of a two-part application form. This information must be submitted within 5 days following public release of a decision to close operations or the signing of a sales agreement or option to purchase involving an Industrial Establishment as defined in N.J.S.A. 13:1K-6, the Environmental Cleanup Responsibility Act.

SUBMIT THE ORIGINAL PLUS TWO COPIES OF THIS COMPLETED FORM AND ANY ATTACHMENTS.

Please refer to instructions and N.J.A.C. 7:1-3.7(d) before filling out this form. Answer all questions. Please print or type.

Date: FEB 12 1986

1. A. Industrial Establishment:

Name: Fisher Scientific Division* Telephone No.: (201) 796-7100

Street Address: 1 Reagent Lane

City or Town: Fair Lawn State: New Jersey Zip Code: 07410

Municipality: Fair Lawn County: Bergen

B. Tax Lot Number: 2 Tax Block Number: 4902

C. Standard Industrial Classification (SIC) Number: (s) 2899, 2819, 2869

D. Current Owner (Property):

Name: Allied Health & Scientific Products Company* Telephone No.: (412) 562-8300

Firm: Allied Health & Scientific Products Company

Street Address: 711 Forbes Avenue

Municipality: Pittsburgh State: Pennsylvania Zip Code: 15219

E. Current Operator of Industrial Establishment:

Name: Fisher Scientific Division Telephone No.: (412) 562-8300

Firm: Fisher Scientific Division*

Street Address: 711 Forbes Avenue

Municipality: Pittsburgh State: PA Zip Code: 15219

F. Current Owner (Business, if different from operator):

Name: Allied Health & Scientific Products Co.* Telephone No.: (412) 562-8300

Firm: Allied Health & Scientific Products Co.

Street Address: 711 Forbes Avenue

Municipality: Pittsburgh State: PA Zip Code: 15219

* See Attachment C

FOR DEP USE ONLY

Date Rec'd. _____ Notice No. _____

Attachment L
L-1

A'

G. If the Industrial Establishment discharges sanitary and/or industrial wastes to a publicly-owned treatment plant, provide the name and address of that facility.

Name: Passaic Valley Water Commission Telephone No.: (201) 344-1800

Street Address: 600 Wilson Avenue

Municipality: Newark State: New Jersey Zip Code: 07105

Is a septic system used (or used previously) at the site? ☐ Yes ☒ No

H. Has an ECRA application been filed for this Industrial Establishment or location subsequent to January 1, 1984? ☐ Yes ☒ No If so, when? _____

For what reason _____

Final disposition _____

I. How is this Industrial Establishment heated? (gas, oil, electricity) Gas (alternate oil)

2. List previous activities at the location(s) involved (attach additional sheets if necessary). In addition to describing the activities, list the business name(s), current address(es) and dates of ownership/operation of the previous activity(ies), if known.

1954-1981- Fisher Scientific Company, 711 Forbes Ave., Pittsburgh, PA, 15219. This location as originally constructed was involved in chemical formulating, packaging, purifying, sales & distribuiton of high purity chemicals for consumption by laboratories, hospitals and the chemical manufacturing industry.

From 1981 to the present - see Attachment C.

3. If the transaction initiating an ECRA review is the cessation of operations at this location, fill in the date of public release of the decision to close the facility and enclose a copy of the public announcement. Is a cession of operations involved? ☐ Yes ☒ No

Date of the public release of the decision _____

Is the public release enclosed? ☐ Yes ☐ No

If you checked "no", state the reason(s) _____

4. If the transaction initiating an ECRA review is an agreement of sale or option to purchase, fill in the date of the execution of that instrument plus provide a copy of the document _____

A. Is a sale involved? ☒ Yes ☐ No

B. Date of Agreement See Attachment C. Also see attachment B to the ECRA GIS filing for Air Cruisers Company

C. Is a copy of the agreement of sale or option to purchase attached? ☒ Yes ☐ No See also Attach. B to the ECRA GIS for Air Cruisers Company

If you checked "no", state the reason(s) _____

A-2

D. Clearly describe the transaction in terms of the action which initiates the ECRA review (e.g., sale of real estate only, sale of real estate and business, cessation of operations only, etc.):

See Attachment C

E. List other parties (purchasers) to the transaction:

NAME	STREET ADDRESS AND MUNICIPALITY	PHONE NO.
The Henley Group, Inc.	375 Park Avenue New York City New York, NY 10152	(212) 832-2200

5. Actual date proposed for closure of operations or transfer of title: See Attachment C

6. Authorized agent designated to work with the Department:

Name: James Wong, Jr. Telephone No.: (201) 455-2156

Firm: Allied-Signal Inc.

Street Address: P.O. Box 2332R

Municipality: Morristown State: New Jersey Zip Code: 07960

7. List all federal and state environmental permits applied for and received at this facility (attach additional sheets if necessary).

Check here if no permits are involved: _____

A. New Jersey Bureau of Air Pollution Control See Attachment A

PERMIT NO.	CERTIFICATE NO.	DATE OF APPROVAL OR DENIAL	REASON FOR DENIAL (If applicable)	EXPIRATION DATE

A-3

B. New Jersey Pollutant Discharge Elimination System (Not Applicable[1])

NUMBER	DISCHARGE ACTIVITY	DATE ISSUED OR DENIED	EXPIRATION DATE	BODY OF WATER DISCHARGED INTO
See Note 1 below and 7D				

C. United States Environmental Protection Agency (EPA) Identification Number and copy of the most recent generator Annual Report prepared pursuant to the New Jersey Hazardous Waste Regulations.

ID # NJD 004 362 059

Is a copy of the Annual Report attached? ☒ Yes ☐ No See Attachment B

D. All other federal, state, local governmental permits.

AGENCY ISSUING PERMIT	PERMIT NUMBER	DATE OF APPROVAL OR DENIAL	EXPIRATION DATE
Passaic Valley Sewerage Commission	08403070	4/16/81	4/16/86*
USNRC (Materials Lic.)	29-10211-01	12/1/83	2/28/89
USNRC (Materials Lic.)	SMB-201	11/14/80	7/31/86

8. If applicable, identify all administrative orders, temporary or permanent injunctions, civil administrative penalties, or criminal actions concerning the environment issued against the facility, its owners, or managers during the last ten years.

Check here if no enforcement actions are involved ____

A. Date of Action May 5, 1981

Section of Law or Statute violated Title 7, Chapter 27 Subchapter 16, Section 16, 6 (f)1

Type of Enforcement Action Administrative Order

Description of the Violation Fisher Scientific Company did fail to submit a plan to achieve compliance for source operations relating to volative organic substances.

How was the violation resolved? Required information was submitted on 7/28/81.

Note[1]: Sanitary and process waste water are discharged to the Passaic Valley Sewer Commission as authorized via SIU permit program. This program is administered under State and Federal authority.

A-4

B. Date of Action March 21, 1984

Section of Law or Statute violated Not Applicable

Type of Enforcement Action Administrative Consent Order

Description of the Violation In 1978 the Borough of Fair Lawn discovered the presence of volatile organic chemicals in Borough of Fair Lawn wells.

How was the violation resolved? Initial hydrogeologic investigation was submitted to NJDEP on 9/28/84 and quarterly groundwater monitoring is routinely conducted. Payments totalling $610,000 were made to the Borough of Fair Lawn by 9/17/84 for the installation and operation of a water treatment system. A Remedial Action/ Feasibility Study was submitted to NJDEP on 7/26/85 and is currently being reviewed by the agency.

(Add additional pages, if necessary)

I hereby certify that the information furnished on this application and any attachments is true. I am aware that false swearing is a crime in this State. I am cognizant that providing false information is a violation under ECRA and that I may be personally liable for penalties up to $25,000 per day.

Richard K. Smith
Signature

Richard K. Smith
Name (Print or Type)

Manager, Pollution Control
Title

12/24/85
Date

ATTACHMENT A
ITEM 7A NEW JERSEY BUREAU OF AIR POLLUTION CONTROL PERMITS

PERMIT NO.	CERTIFICATE NO.	DATE OF APPROVAL OR DENIAL	REASON FOR DENIAL	EXPIRATION DATE
001	006743	12/27/77	------	12/27/87
002	019342	8/20/70	------	8/20/90
003	022824	5/10/76	------	6/8/87
004	023418	8/4/76	------	10/13/88
005	040440	8/23/78	------	8/14/88
006	040441	8/23/78	------	8/22/88
007	052201	11/12/81	------	11/12/86
009	068379	8/28/84	------	5/24/90
010	052200	12/30/81 (1)	------	------
011	062848	11/22/82	------	11/22/87
012	062849	11/22/82	------	11/22/87
013	070520	1/16/85 (1)	------	------
015	066973	2/15/84	------	5/9/90
016	070521	1/16/85 (1)	------	------
017	070601	1/28/85		1/22/86
018 (2)	N/A	9/5/85		N/A

(1) 90 Day Temporary Operating Certificates, extended every 90 days.

(2) Letter of Approval for New Source Construction/Modification.

ATTACHMENT C

1A, D, E, F AND 2. Fisher Scientific Division is a division of Allied Health & Scientific Products Company, a Delaware corporation, which, in turn, is a wholly-owned subsidiary of Allied Corporation ("Allied"), a New York corporation. Allied Corporation is a wholly-owned subsidiary of The Signal Companies Inc. ("Signal"), a Delaware corporation. Allied purchased Fisher Scientific (then Fisher Scientific Company) in 1981.

Prior to 1951, this property was open, undeveloped land. Previous use of the land is believed to have been farming. Property was purchased from Marshall and Mary Rooney.

4B, C, D, AND 5. This transaction is a spin-off. Allied-Signal Inc. ("Allied-Signal"), a Delaware corporation, has two principal assets-- Allied, an indirect wholly-owned subsidiary, and Signal, a direct wholly-owned subsidiary. See Attachment B to the ECRA GIS filing for Air Cruisers Company.

Allied-Signal has formed a new corporation named The Henley Group, Inc. ("Henley"), a Delaware corporation. Shortly, certain assets of both Allied and Signal will be transferred to Henley in accordance with the Attachment B to the ECRA GIS filing for Air Cruisers Company. Such assets will include the industrial establishment referred to in 1A. Upon implementation of such agreements, Allied-Signal will transfer all the voting stock of Henley to Allied-Signal shareholders. Allied-Signal will, however, hold preferred shares of Henley which will give Allied-Signal 20 percent of the voting shares and 30 percent of the equity of Henley.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT

INSPECTION REPORT

File: 02-17-03

REPORT PREPARED FOR:

- [x] Generator
- [ ] Transporter
- [x] HWM (TSD) Facility

FACILITY INFORMATION

Name: FISHER SCIENTIFIC COMPANY

Address: 1 REAGENT LANE
FAIR LAWN, NJ 07410

Lot: 1 Block: 4902

County: BERGEN

Phone: 201-796-7100

EPA ID#: NJD004362059

Date of Inspection: 12/12/86

PARTICIPATING PERSONNEL

State or EPA Personnel: JEFFREY A. STERLING
WAYNE GREEN

Facility Personnel: Florencio Morgan, Jay Young
RHH Merrell

Report Prepared by Name: JEFFREY A. STERLING

Region: Metropolitan

Telephone#: 201-669-3960

Reviewed by: Yacat Emb. Yacat

Date of Review: 01-05-87

F-2

B1

a 12/28/86

SUMMARY OF FINDINGS

FACILITY DESCRIPTION AND OPERATIONS

On 12/12/86, a RCRA inspection was conducted at Fisher Scientific Company in Fair Lawn, NJ. The contacts at the facility were Florencio Moran, Jay Young and Ray Merrell. The DEP inspectors were Jeffrey Sterling and Wayne Green.

Fisher Scientific Company is engaged in the manufacture and ~~for~~ repackaging of lab grade chemicals and solutions. The major operation at this location consists of repackaging. The materials that are repackaged here come on site in bulk. Fisher may directly repackage the materials or they may purify them prior to repackaging. It should be noted that Fisher Scientific Company buys raw chemicals that are very pure. However, Fisher Scientific usually requires extremely pure chemicals since they primarily supply pharmacies, hospitals, schools, and laboratories with chemicals and repackaged materials.

This facility purifies incoming chemical solvents (virgin materials) by distillation. They also purify the distilled solvents by employing oleum, a wash solvent. (Oleum is an extremely strong acid which is manufactured by Dupont). In addition to upgrading industrial solvents, ~~and~~ manufacturing chemicals, and repackaging chemicals, Fisher Scientific also conducts extensive laboratory analyses of the chemicals they handle on site (to ensure purity).

The facility stores many of their raw materials onsite in above ground tanks. For instance, they store methylene chloride &

-A-

SUMMARY OF FINDINGS

FACILITY DESCRIPTION AND OPERATIONS

caustic potash, acetic acid, and other solvents in above ground tanks that range in sizes from 3,000 to 4000 gallons. Fuel oil that is used in their boilers is stored in 2 underground tanks; each has a capacity of 10,000 gallons. The tanks are approximately 20 years old and Fisher Scientific indicated that they were tested for integrity earlier this year (1986) and that no leaks were detected.

The facility operates various scrubbers for air pollution control. They employ scrubbers that use a caustic scrubbing solution and they also use water scrubbers for particulate removal. According to the facility contact, about six scrubbers are in use at this site. The spent caustic scrubbing solutions are neutralized onsite and are subsequently discharged to the local POTW (Passaic Valley Sewerage Commissioners). The company does have a Permit from the POTW. Their permit # is 08403070. Fisher Scientific also possesses permits from NJDEP - Division of Environmental Quality (Air).

The extent of onsite treatment of hazardous wastes consists of cyanide destruction and neutralization of acidic or basic solutions. The effluents from the onsite treatment gets checked for ph, etc (according to their sewer connection permit) and are discharged to the local POTW. Also discharged to the local POTW are non-contact cooling water, wash water from floor cleanings, and all other process water that can be discharged to the sewer. In all cases the discharge to P

-A-

SUMMARY OF FINDINGS

FACILITY DESCRIPTION AND OPERATIONS

the POTW is checked.

The treatment (neutralization and cyanide destruction) processes are conducted in three above ground tanks. One is a 500 gallon tank and the other two are 100 gallon tanks each. One of the 100 gallon tanks is used only as a back-up. The 500 gallon tank is hooked up to a caustic scrubber also. None of the tanks store hazardous waste. They only contain wastes during the treatment process. All the tanks are listed. It should be noted that the 500 gallon tank is used for acid/base neutralization and the 100 gallon tank (excluding the back-ups) is used to treat cyanides.

Wastes that can't be safely treated onsite (such as highly acidic wastes) are manifested offsite for treatment. The facility generates wastes from processes such as:

1) manufacturing
2) line flushes
3) bad batches
4) lab research
5) expired stock
6) returned goods from other Fisher sites.

Many of the "wastes" that Fisher handles are wastes because they are off-specification for Fisher only. These same wastes, in most cases, are re-usable by other facilities who don't require a very pure grade of a solvent, for example

B-4

-A-

SUMMARY OF FINDINGS

FACILITY DESCRIPTION AND OPERATIONS

In cases where Fisher can't rework or sell their hazardous wastes (by definition) they are disposed of offsite. The wastes that are returned to this site from other Fisher facilities are sent with hazardous waste manifests. Prior to 8/86 no manifests were used for wastes that came onsite from other Fisher facilities. Only a DOT bill of lading was used then. These shipments are typically very small quantity shipments of usually expired stock.

Manifests for offsite shipments were reviewed. In 1985 the facility made 26 shipments offsite. An average of 2 shipments were made every month during that period except for September when no shipments were made. Manifests for 1986 (up to the time of this RCRA inspection) totaled 26, with a shipment being made every month of this year. Manifests that document the incoming shipments from other Fisher locations were also reviewed.

This site has extensive soil and ground water contamination due to past practices. The facility entered into an agreement with the NJDEP in 1984 to remediate the soil contamination on site. This year the company began to remove contaminated soils offsite through a contractor. Soil removal was being conducted while the RCRA inspection was taking place. The excavated soils are sent to Wayne Disposal in Michigan via hazardous waste manifest. The soil removal started in November

-A-

SUMMARY OF FINDINGS

FACILITY DESCRIPTION AND OPERATIONS

1986 and 106 shipments were made between 11/14/86 and 12/10/86 inclusive. Each shipment totaled 15 cubic yards. The soils were described on the manifests as F001, F002, F003 and F005 waste type. Fisher Scientific said that this site was a CERCLA cleanup site.

TSD facilities utilized by this facility in 1985 are (1) Cecos Treatment Corporation, Bristol CT.

(2) Cecos International, Niagara Falls, NY.

(3) Marisol, Inc, Middlesex, NJ and

(4) AETC Flanders, NJ. (see attached 1985 Annual Report

All of the facility's records which are required under RCRA were reviewed and were found to be adequate. Semi-annual drills are not conducted at this facility. In June 1986 they petitioned the NJDEP (see APPENDIX A) for an exemption from semi-annual drills. They also provided copies of letter from the local emergency response team & police department which indicated that the local groups feel that one drill per year is sufficient. To date, the NJDEP has not responded to Fisher's request for an exemption. The company did have a drill this year to satisfy the requirements of NJAC 7:26-9.4(g)8 (in lieu of semi-annual drills).

The hazardous waste treatment and storage areas were inspected. The treatment tanks were empty and they were within diked areas. The hazardous waste were stored in 55

F-1

-A-

SUMMARY OF FINDINGS

FACILITY DESCRIPTION AND OPERATIONS

gallon drums. The storage area was outside (no roof) and the containers were stored on concrete. There was no containment system for the storage area, which was sloped toward the excavation pit (for soil removal). Corrosive, ignitable, and toxic waste were seen in storage. One drum had no label and one's label was not visible for inspection. The drums were stored in three ~~rows~~ and ~~229~~ 130 drums of hazardous wastes were in storage. Except for labeling, the containers were stored in accordance to the regulations. Fisher was cited for violating NJAC 7:26-9.4(d)4v concerning the labeling requirements.

—B—

Describe the activities that result in the generation of hazardous waste.

1. lab flushes
2. lab tests
3. returned goods from other Fisher locations
4. off spec material
5. bad batches

Identify the hazardous waste located on site, and estimate the approximate quantities of each. (Identify Waste Codes)

1. 97 - 55 gal. drums of waste acids (D002)
2. 6 - 55 gal drum of waste cleaning soln (D002)
3. 1 - 55 gal drum of waste lab flask (phenol) U188
4. 4 - 55 gal drum of haz waste soil (X910)
5. 9 - 55 gal drum of flam. solid (D001)
6. 26 - 55 gal drum of haz. waste lq. (F002)
7. 2 - 55 gal drum of copper sulfate (—)
8. 1 - 55 gal drum of overpack chemicals (X910)
9. 1 - 55 gal drum of waste nitrotoluene * (U169)

* nitrotoluene also called para-methyl nitrobenzene code (U169) is for nitrobenzene.

File: 02-17-03

Fisher Scientific

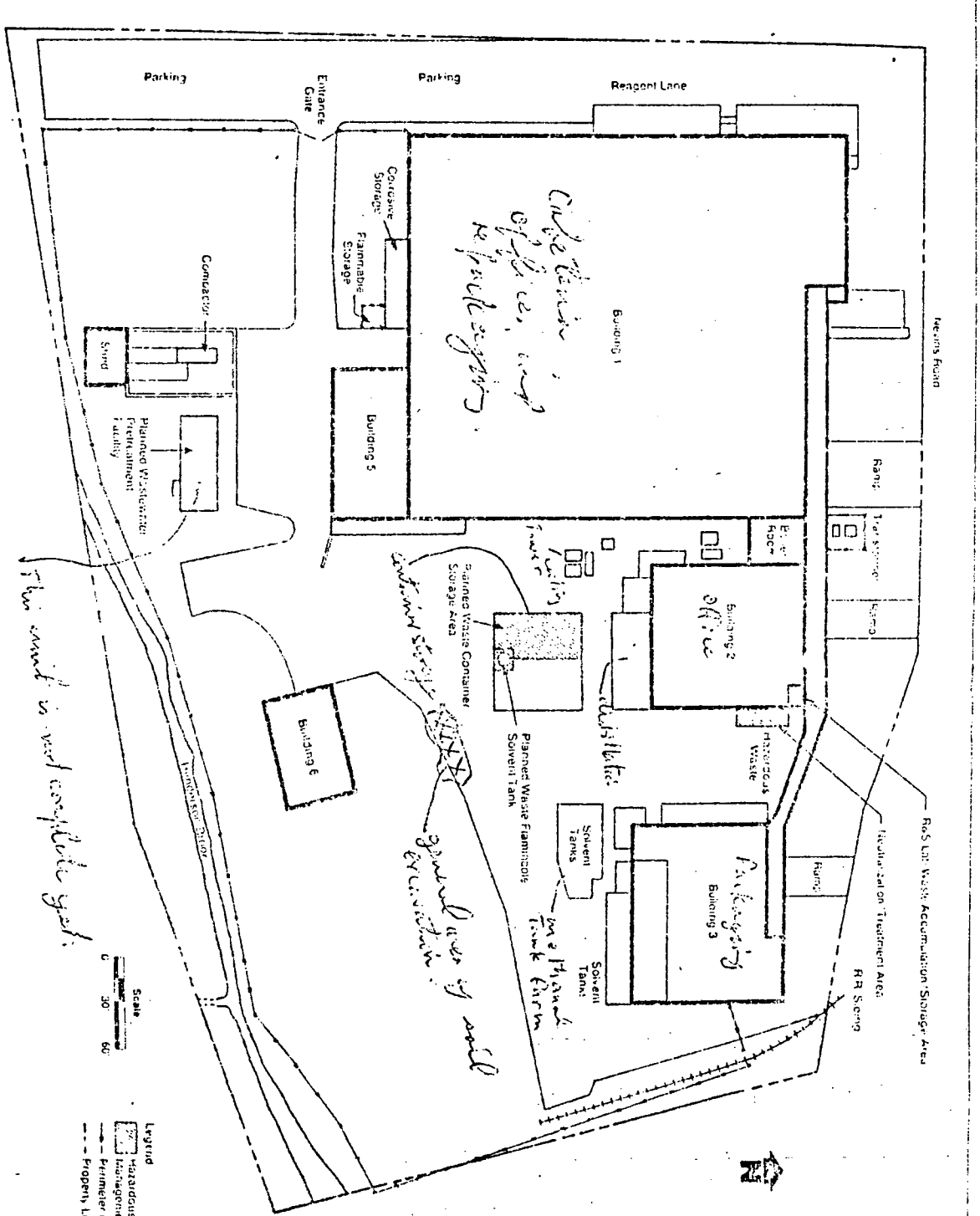


FIGURE B-2 FACILITY PLAN

B

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF REGULATORY SERVICES
CN 402
TRENTON, N.J. 08625
609 - 292 - 2906

MICHAEL F. CATANIA
DIRECTOR

HERBERT B. SENNETT
DEPUTY DIRECTOR

March 16, 1984

Thomas P. Lawton, President
Fisher Scientific Company
711 Forbes Avenue
Pittsburgh, Pennsylvania 15219

Re: Administrative Consent Order
Fisher Scientific Company

Dear Mr. Lawton:

There is enclosed for service upon you an Administrative Consent Order issued by this Department pursuant to the provisions of N.J.S.A. 58:10A-10(b). Please sign both the original copy and the duplicate and return them to this office. The document must be returned by Tuesday, March 20, 1984 as its execution by the Department is anticipated to take place at the Borough of Fair Lawn's 8:00 P.M. Council Meeting on Wednesday, March 21, 1984.

This document must be executed by a duly authorized representative of Fisher Scientific Company. Written certification that the person signing the document is authorized to do so by Fisher Scientific Company must be submitted with the signed copy.

If you have any questions concerning this Order, contact Mr. Peter T. Lynch, Chief, Metro Region, Enforcement Element, Division of Water Resources, 1100 Raymond Boulevard, Room 510, Newark, New Jersey 07102 or by telephoning (201) 648-2030.

Sincerely,

Gerard Burke
Assistant Director for
Enforcement

sg
Enclosures

c: George Rayer
William Reiter
Johanna O'Laughlin, Esq.
Harry Wallum, Esq.

RELEASE

KNOW ALL MEN BY THESE PRESENTS that the undersigned BOROUGH OF FAIR LAWN, Bergen County, New Jersey, a body corporate and politic of the State of New Jersey (hereinafter "FAIR LAWN") for and in consideration of the payment to FAIR LAWN of SIX HUNDRED TEN THOUSAND DOLLARS ($610,000.00) (as more particularly set forth in an Administrative Consent Order between FISHER SCIENTIFIC COMPANY and New Jersey Department of Environmental Protection dated 3/21 1984) does hereby expressly release and discharge FISHER SCIENTIFIC COMPANY, its subsidiaries and divisions and their directors, officers, employees, agents, successors and assigns (hereinafter "FISHER") from any and all civil actions, claims, demands, or causes of action

1) directly associated with or arising out of the presence, as of the date hereof of 1,1,1, trichloroethane, chloroform, tetrachloroethylene, carbon tetrachloride, trichloroethylene, 1,1 dichloroethane, 1,2 dichloroethane, 1,1 dichloroethylene, 1,2 dichloroethylene, bromoform, methylene chloride and bromodichloromethane, which are known to have been detected, in the five potable water wells identified in paragraph 1 of the Administrative Consent Order hereinabove mentioned;

2) for the presence of FISHER'S Fair Lawn, New Jersey property of any contaminants remedied by the remedial actions taken pursuant to paragraph 14 of the Administrative Consent Order

hereinabove mentioned; and

3) directly associated with or arising out of the presence of any other contaminants in any of the five potable water wells identified in paragraph 1 of the Administrative Consent Order, provided that the presence of such other contaminants does not render any of the five water wells non-potable after treatment by the air stripping unit and related appurtenances to be utilized by the Borough of Fair Lawn and provided that the presence or treatment of such other contaminants does not result in any unreimbursed additional cost to the Borough of Fair Lawn.

IN WITNESS WHEREOF, the Borough of Fair Lawn, Releasor, has caused these presents to be signed by its proper corporate officers and caused its proper corporate seal to be hereunto affixed, this 21 day of March, 1984.

BOROUGH OF FAIR LAWN,

By Virginia D. Edwards
VIRGINIA D. EDWARDS, Mayor

ATTEST:

Donald De Bruin
DONALD DE BRUIN, Borough Clerk

2 — N. J. ACKNOWLEDGEMENT, Corporation
(Proof by Subscribing Witness) Plain Language

RVST—1

COPYRIGHT© 1982 by ALL-STATE LEGAL SUPPLY CO.
One Commerce Drive, Cranford, N.J. 07016

STATE OF NEW JERSEY, COUNTY OF BERGEN SS.:

I CERTIFY that on 3/21, 1984, DONALD DE BRUIN

personally came before me and this person acknowledged under oath, to my satisfaction, that:

(a) this person is the Borough Clerk ~~secretary~~ of the Borough of Fair Lawn, the municipal ~~the~~ corporation named in the attached document;

(b) this person is the attesting witness to the signing of this document by the proper corporate officer who is VIRGINIA D. EDWARDS the Mayor ~~President~~ of the municipal ~~corporation~~;

(c) this document was signed and delivered by the corporation as its voluntary act duly authorized by a proper resolution of its ~~Board of Directors~~ Borough Council;

(d) this person knows the proper seal of the corporation which was affixed to this document; and

(e) this person signed this proof to attest to the truth of these facts.

Signed and sworn to before me on 3/21, 1984.

Richard A. Gustafson
Attorney at Law of N.J.

(Print name of attesting witness below signature)
DONALD DE BRUIN

Fisher Scientific

711 Forbes Avenue
Pittsburgh, PA 15219
(412) 562-8300

March 20, 1984

Mr. Gerard Burke
State of New Jersey
Department of Environmental Protection
Office of Regulatory Services
CN 402
Trenton, New Jersey 08625

Dear Mr. Burke:

Enclosed are the signed original and copy of the Administrative Consent Order which you sent to Mr. Lawton. Both have original signatures.

Since the enclosed signature certificate does not have original signatures and embossed seal, I will bring an original to the meeting at Fair Lawn tomorrow night.

George R. Rayer

George R. Rayer
Director of Environmental Affairs
Fisher Scientific Company

GRR:dg

Enc:

FISHER SCIENTIFIC COMPANY

Incumbency and Signature Certificate

I, Charles W. Dithrich, Secretary of Fisher Scientific Company, a Delaware corporation, do hereby certify that the persons named below are duly elected, qualified and acting officers of said corporation and hold on the date hereof the offices set opposite their respective names, and that the signatures appearing opposite their respective names are the genuine signatures of such officers:

Name	Office	Signature
Thomas P. Lawton	President	Thomas P. Lawton
Charles W. Dithrich	Secretary	Charles W. Dithrich
Johanna G. O'Loughlin	Assistant Secretary	Johanna G. O'Loughlin

In witness whereof I have hereunto set my hand and affixed the seal of the company this 10th day of February, 1984.

Charles W. Dithrich
Secretary

(Corporate Seal)

I, Johanna G. O'Loughlin, Assistant Secretary of Fisher Scientific Company, do hereby certify that Charles W. Dithrich is as of the date hereof the duly elected, qualified and acting Secretary of said corporation, and that the signature appearing opposite his name above is his genuine signature.

In witness whereof I have hereunto set my hand this 10th day of February, 1984.

Johanna G. O'Loughlin
Assistant Secretary

Copies to Sal, Dickson Altomari

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION II
26 FEDERAL PLAZA
NEW YORK, NEW YORK 10278

FEB 9 1984

CERTIFIED MAIL: RETURN RECEIPT REQUESTED

Mr. Charles Dickson
Fisher Scientific Company
29 West State Street
Trenton, New Jersey 08606

Re: Fair Lawn Wellfield Contamination
Fisher Scientific Company
1 Reagent Lane
Fair Lawn, New Jersey 07410

Dear Mr. Dickson:

The United States Environmental Protection Agency (EPA) has expended public funds to investigate the release and/or threatened release of hazardous substances at the above-referenced site. EPA intends to spend additional public funds on any investigative and corrective measures necessary to control such release and/or threatened release. Unless EPA determines that a responsible party will properly perform such actions, EPA intends to do so pursuant to applicable provisions of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), 42 U.S.C. §9601 et seq.

Under section 107(a) of CERCLA and other laws, responsible parties may be liable for any costs incurred by the government in taking corrective actions at the site. Such costs may include but need not be limited to, expenditures for investigation, planning, cleanup of the site and enforcement. By this letter, EPA notifies you of your potential liability with regard to this matter and encourages you, as a potentially responsible party, to undertake voluntary cleanup activities.

Responsible parties under CERCLA include current and past owners or operators and persons who generated the hazardous substances or were involved in the transport, treatment, or disposal of them. Based on state records EPA believes that you may be a responsible party. More specifically, the Agency has reason to believe that your company released hazardous substances which contributed to the groundwater contamination at the above referenced site.

Upon request, the Agency will discuss this information with you and will provide additional information on the nature and extent of the release and/or threatened release. Instructions on how to contact EPA's representative are set forth below. We urge you to contact the EPA representative as soon as possible.

You are hereby notified that EPA is planning to conduct the following studies at the site:

1. A remedial investigation to identify the nature and extent of the release and/or threatened release. The goals of this investigation may include:

   a) identification of local hydrogeological characteristics to evaluate groundwater quality and movement in the vicinity of the site;

   b) determination of the extent of soil, air and surface water contamination at the site.

2. Feasibility studies to evaluate possible remedial actions to remove or contain hazardous substances at the site.

In addition to the above studies, corrective measures may be necessary to protect public health, welfare or the environment. These corrective measures may include, but need not be limited to:

1. Implementation of initial remedial measures, e.g., securing the site to prevent contact with any hazardous or toxic substances, and/or removal of contaminated material from the surface;

2. Design and implementation of the EPA approved remedial option for addressing any groundwater, surface water, soil and air contamination;

3. Any monitoring and maintenance necessary after remedial measures have been completed.

Within fourteen (14) calendar days of your receipt of this letter, you should notify EPA in writing of the nature and extent of the above-mentioned studies and corrective measures you may be willing to undertake. Otherwise, EPA will assume that you decline to voluntarily undertake any such studies or corrective measures, and the Agency may proceed with them as

it deems necessary. Your written response should identify - by name, address and telephone number - your representative for further contact with you regarding this matter. If you already are involved in discussions with state or local authorities, voluntary cleanup action, or lawsuits regarding this site, you are encouraged to continue any such activity and to report its status in your response. Please provide a copy of your response letter to any other governmental entities involved in such discussions or activities.

Your letter of response should be sent to:

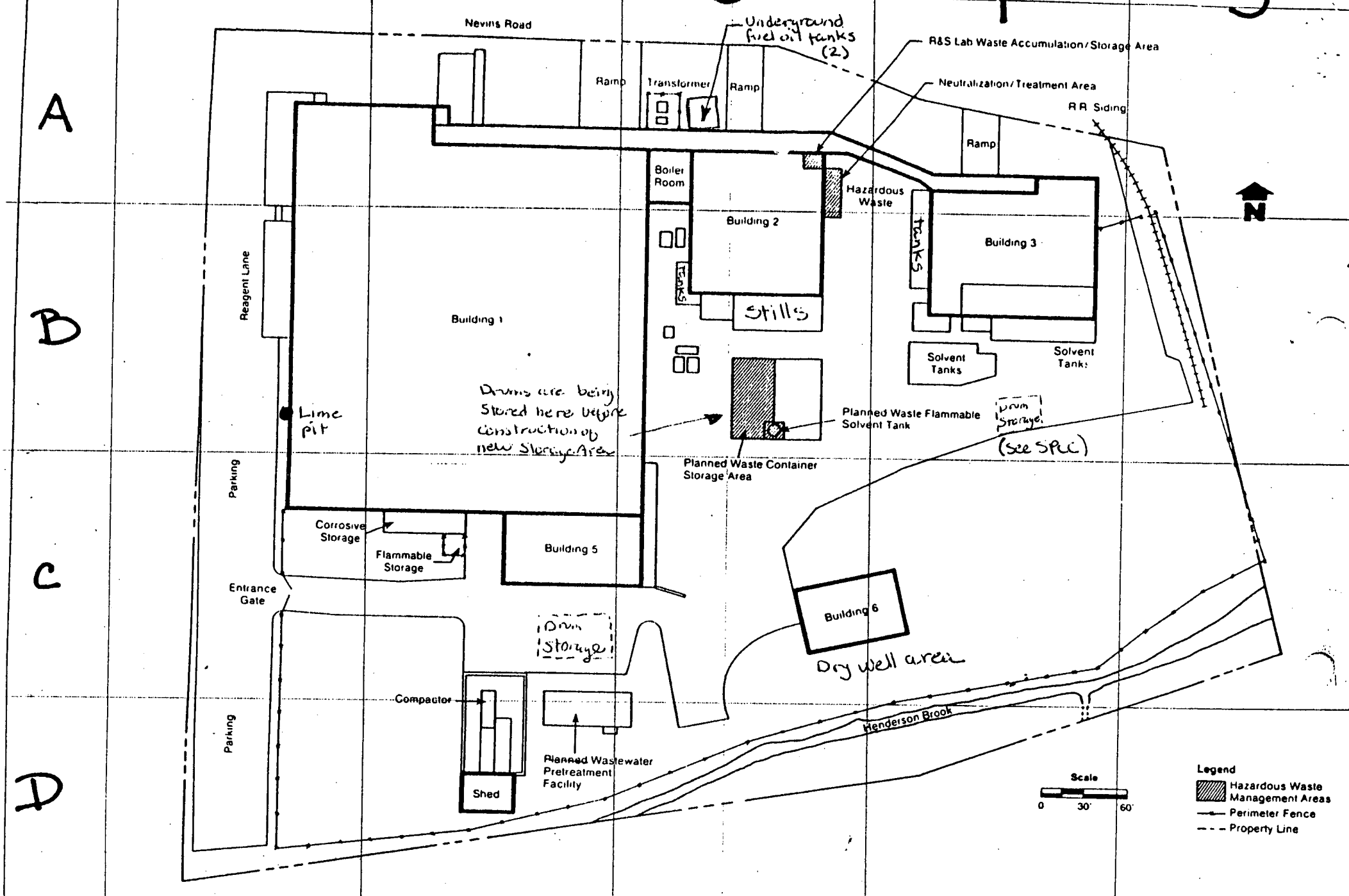
Ms. Robin Rohn
Hazardous Waste Site Branch
Office of Emergency and Remedial Response
U.S. Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

If you need further information, you can reach Ms. Rohn by telephone at 212-264-0106.

Sincerely yours,

William J. Librizzi, Director
Office of Emergency and Remedial Response

cc: Peter Lynch, NJDEP Water Resources


Nevins Road
Underground fuel oil tanks (2)
R&S Lab Waste Accumulation/Storage Area
Neutralization/Treatment Area
RR Siding
Ramp
Transformer
Ramp
Ramp
Boiler Room
Building 2
Hazardous Waste
Tanks
Building 3
Tanks
Stills
Reagent Lane
Building 1
Solvent Tanks
Solvent Tanks
Drums are being Stored here before construction of new Storage Area
Lime Pit
Planned Waste Flammable Solvent Tank
Drum Storage (see SPCC)
Planned Waste Container Storage Area
Parking
Corrosive Storage
Flammable Storage
Building 5
Entrance Gate
Building 6
Drum Storage
Dry well area
Compactor
Parking
Henderson Brook
Planned Wastewater Pretreatment Facility
Shed
Scale
0 30' 60'
Legend
Hazardous Waste Management Areas
Perimeter Fence
Property Line
A
B
C
D
N

FIGU

ATTACHMENT A

ATTACHMENT A

ADDITIONAL MAJOR DOCUMENTS ON THE FISHER SITE LOCATED OR GENERATED SUBSEQUENT TO APRIL 1993

FS170 *Preliminary Assessment: RCRA Corrective Action Program.* November 1985.

FS171 *Site Evaluation Submission (SES): Environmental Cleanup Responsibility Act (ECRA) - Initial Notice.* December 23, 1985.

FS172 *General Information Submission (GIS): Environmental Cleanup Responsibility Act (ECRA) - Initial Notice.* February 12, 1986.

FS173 *Site Inspection Report: Potential Hazardous Waste Site.* August 1, 1989.

FS174 *Ground Water Monitoring Report: Second Quarter 1993.* June 1993.

FS175 *Area of Environmental Concern Review: Comparison to Soil Cleanup Guidelines.* July 16, 1993.

FS176 *Preliminary Assessment of the Potential Sources and Circumstances of Release to the Fair Lawn Well Fields National Priorities List Site.* October 1993.

FS177 *Ground Water Monitoring and Remedial Action Progress Report: Third Quarter 1993.* November 1993.

FS178 *Ground Water Monitoring and Remedial Action Progress Report: Fourth Quarter 1993.* February 1994.

FS179 *Ground Water Monitoring and Remedial Action Progress Report: First Quarter 1994.* April 1994.

FS180 *Final Report: RCRA Part B Closure Activities.* June 10, 1994.

FS181 *Ground Water Monitoring and Remedial Action Progress Report: Second Quarter 1994.* July 1994.

FS182 *Evaluation of the Overburden Remediation System.* August 1994.

FS183 *Feasibility Analysis Relating to Ground Water Contamination in the Vicinity of the Fisher Scientific Company, Fair Lawn, New Jersey.* September 1994.

FS184 *Ground Water Monitoring and Remedial Action Progress Report: Third Quarter 1994.* October 1994.

FS185 *Ground Water Monitoring and Remedial Action Progress Report: Fourth Quarter 1994.* January 1995.

FS186 *Ground Water Monitoring and Remedial Action Progress Report: First Quarter 1995.* April 1995.

FS187 *Ground Water Monitoring and Remedial Action Progress Report: Second Quarter 1995.* July 1995.

FS188 *Modified Remedial Action Progress Report: Third Quarter 1995.* October 1995.

FS189 *Remedial Action Report: Fourth Quarter 1995.* January 1996.

FS190 *Response to June 22, 1995 Letter: Additional Soil Sampling Data.* January 24, 1996.

FS191 *Packer Test Report.* February 1996.

FS192 *Modified Remedial Action Progress Report: First Quarter 1996.* April 1996.

FS193 *Remedial Action Report: Second Quarter 1996.* July 1996.

FS194 *Modified Remedial Action Report: Third Quarter 1996.* October 1996.

FS195 *Remedial Action Report: Fourth Quarter 1996.* January 1997.

FS196 *Modified Remedial Action Report: First Quarter 1997.* April 1997.

ATTACHMENT B

ENVIRON

March 9, 1993

Ms. Mary Anne Rosa
Remedial Project manager
U.S. Environmental Protection Agency
26 Federal Plaza
New York, NY 10278

Re: Fair Lawn Superfund Matter

Dear Ms. Rosa:

As you requested during our meeting last month, enclosed please find a list of documents pertaining to the investigation of ground water in the area of the Fair Lawn Industrial Park. These documents represent reports and data compiled by Fisher Scientific Company (Fisher) from a number of sources, including federal, state, and local government files.

A number of these documents date back to the early- to mid-1980s and, based on the results of subsequent investigations, neither we nor Fisher Scientific Company necessarily concur with all the conclusions reached in some of these documents. However, in the interest of providing a complete picture of the available documents, copies of all the listed documents are available for your review.

Please contact me after you have reviewed this list, so that we can make arrangements for you to review those documents of interest or to have copies of documents made for your review. If you have any questions, please call me at your convenience.

Sincerely,

Thomas V. Fusillo
Manager

TVF:fda
3055B:PAA03766.W51

Enclosures

DOC ID#	DATE	AUTH	DOCUMENT TITLE
KD001	2-7-92	RAD	PHASE II GROUND WATER INVESTIGATION REPORT: KODALUX PROCESSING LABORATORY
KD003	7-19-91	NUS	FINAL DRAFT: PRELIMINARY ASSESSMENT REPORT: EASTMAN KODAK PROCESSING LAB
KD005	9-9-91	RAD	FINAL GROUNDWATER INVESTIGATION REPORT: KODALUX PROCESSING LABORATORY
KD007	7-90	CAR	BASEMENT FLOOR DRAIN SUBSURFACE INVESTIGATION: KODALUX PROCESSING LABORATORY
KD010	6-90	CAR	UNDERGROUND STORAGE TANK REMOVAL AND SUBSURFACE INVESTIGATION: KODALUX
KD013	7-90	CAR	SOLVENT STORAGE ROOM FLOOR RESURFACING AND DRY WELL REMOVAL: KODALUX
KD015	4-16-91	RAD	MONITOR WELL INSTALLATION INTERIM REPORT: KODALUX PROCESSING LABORATORY
PV001	11-83	ETK	PASSAIC VALLEY SEWERAGE COMMISSIONERS: SEWER SYSTEM EVALUATION SURVEY: PHASE II-B REPORT: BOROUGH OF FAIR LAWN
PV002	1-79	ETK	PASSAIC VALLEY SEWERAGE COMMISSION: SEWER SYSTEM EVALUATION SURVEY: INTERIM REPORT PHASE II-A: BOROUGH OF FAIR LAWN
SV001	7-92	ITC	REPORT OF SECOND QUARTER 1992 GROUND WATER MONITORING: SANDVIK, INC.
SV002	1-85	PAS	FIRST QUARTERLY REPORT: SAMPLING AND ANALYSIS PROGRAM: PARAGRAPH 11 OF THE ACO: SANDVIK, INC.
SV004	5-83	PAS	EXCAVATION SURVEY REPORT: SANDVIK, INC.
SV005	10-83	PAS	SOIL BORING PROGRAM REPORT WITH EXCAVATION PLAN: SANDVIK, INC.
SV006	9-84	PAS	HYDROGEOLOGIC REPORT: EXCAVATION OF CONTAMINATED SOIL & GROUNDWATER MONITORING PROGRAM, SANDVIK, INC.
SV009	6-92	ITC	REPORT OF FIRST QUARTER,1992 GROUND WATER MONITORING: SANDVIK, INC.
SV010	5-7-81	EPA	POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT: PART 1: SANDVIK, INC.
SV025	5-17-81	EPA	POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT: PART 1: SANDVIK, INC.
SV026	7-20-89	EPA	SITE INSPECTION REPORT: POTENTIAL HAZARDOUS WASTE SITE
FS002	4-1-87	FIS	REMEDIAL ACTION PLAN: SOIL EXCAVATION PHASE MONITORING REPORT
FS003	1-84	WES	HYDROGEOLOGICAL INVESTIGATION: FISHER SCIENTIFIC
FS004	7-26-85	WES	FEASIBILITY STUDY REPORT: FISHER SCIENTIFIC
FS005	9-16-85	WES	AQUIFER CHARACTERIZATION STUDY: FISHER SCIENTIFIC
FS006	3-87	WES	REMEDIAL ACTION PLAN/REVISION No.2/CLEANUP PLAN: FISHER SCIENTIFIC
FS007	12-85	GEO	ANALYSIS OF HYDRAULIC GRADIENT CONTROL IN THE BRUNSWICK FORMATION BENEATH THE FISHER SCIENTIFIC PROPERTY
FS008	2-86	FIS	RISK ANALYSIS
FS009	9-9-88	FIS	REMEDIAL ACTION PLAN: ADDENDUM TO EXCAVATION PHASE MONITORING REPORT
FS010	2-86	WES	FEASIBILITY STUDY REPORT: ADDENDUM NO.1: FISHER SCIENTIFIC
FS011	9-86	WES	REMEDIAL ACTION PLAN: REVISION NO.1: FISHER SCIENTIFIC
FS013	10-31-86	OHM	WORK PLAN FOR SOIL EXCAVATION AND GROUND-WATER TREATMENT AT FISHER SCIENTIFIC
FS015	4-2-84	WES	REMEDIAL INVESTIGATION: SOIL BORING PROGRAM: FISHER SCIENTIFIC
FS016	6-23-86	WCI	REMEDIAL ACTION WORK PLAN: FISHER SCIENTIFIC
FS017	9-28-84	WES	REMEDIAL INVESTIGATION: FISHER SCIENTIFIC: VOL. 1 - TECHNICAL REPORT
FS019	3-5-92	FIS	FEASIBILITY STUDY OF DISCHARGE ALTERNATIVES
FS021	11-83	DEP	SUMMARY REPORT: FAIR LAWN WELL FIELD CONTAMINATION
FS030	1-19-85	GEO	HYDRAULIC GRADIENT CONTROL IN THE UNCONSOLIDATED DEPOSITS BENEATH THE FISHER SCIENTIFIC PROPERTY

FS039	12-23-85	DEP	SITE EVALUATION SUBMISSION (ECRA): FISHER SCIENTIFIC
FS041	2-88	WES	AERIAL PHOTO COMPILATION FOR FISHER SCIENTIFIC
FS042	5-23-90	WES	REMEDIAL ACTION PLAN: 1ST QUARTER-1990: PROGRESS REPORT
FS043	4-27-89	WES	REMEDIAL ACTION PLAN: 1ST QUARTER-1989: PROGRESS REPORT
FS044	1-12-90	WES	REMEDIAL ACTION PLAN: 4TH QUARTER-1989: PROGRESS REPORT
FS045	11-19-90	FEI	REMEDIAL ACTION PLAN: 3RD QUARTER-1990: PROGRESS REPORT
FS046	8-18-89	FEI	REMEDIAL ACTION PLAN: 2ND QUARTER-1989: PROGRESS REPORT
FS047	10-30-89	FEI	REMEDIAL ACTION PLAN: 3RD QUARTER-1989: PROGRESS REPORT
FS050	5-31-91	FEI	REMEDIAL ACTION PLAN/CLEANUP PLAN PROGRESS REPORT: 1ST QUARTER-1991
FS051	7-29-91	FEI	REMEDIAL ACTION PLAN/CLEANUP PLAN PROGRESS REPORT: 2ND QUARTER-1991
FS052	10-92	FEI	REMEDIAL ACTION PLAN/CLEANUP PLAN PROGRESS REPORT: 3RD QUARTER-1992
FS053	91	FEI	REMEDIAL ACTION PLAN/CLEANUP PLAN PROGRESS REPORT: 3RD QUARTER-1991
FS054	91	FEI	REMEDIAL ACTION PLAN/CLEANUP PLAN PROGRESS REPORT: 4TH QUARTER-1991
FS055	92	FEI	REMEDIAL ACTION PLAN/CLEANUP PLAN PROGRESS REPORT: 1ST QUARTER-1992
FS056	92	FEI	REMEDIAL ACTION PLAN/CLEANUP PLAN PROGRESS REPORT: 2ND QUARTER-1992
FS057	92	FEI	REMEDIAL ACTION PLAN/CLEANUP PLAN PROGRESS REPORT: 3RD QUARTER-1992
FS058	92	FEI	REMEDIAL ACTION PLAN/CLEANUP PLAN PROGRESS REPORT: 4TH QUARTER-1992
FW024	6-83	NUS	REMEDIAL ACTION MASTER PLAN: FAIR LAWN WELL FIELD(DRAFT)
FW026	1-29-82	WES	GROUNDWATER CONTAMINATION INVESTIGATION AND LOCATION OF NEW GROUND WATER SUPPLY SITES
FW027	1-72	G&M	PRELIMINARY INVESTIGATION OF THE WATER RESOURCES OF THE BOROUGH OF FAIR LAWN

E:\BARNES\FISHER1.WR1 MARCH 8, 1993

3055B
Carnegie

ENVIRON

April 29, 1993

Ms. Mary Anne Rosa
Remedial Project Manager
U.S. Environmental Protection Agency
26 Federal Plaza
New York, NY 10278

Re: Fair Lawn Wellfield Superfund Site

Dear Ms. Rosa:

In response to your letter dated April 14, 1993, enclosed please find one copy of each of the reports that you requested concerning the above-referenced site. Fisher Scientific Company (Fisher) is continuing to obtain and review pertinent information concerning this site and will keep you informed when potentially significant new information is obtained.

Also enclosed, as you requested, is one copy of the April 22, 1993 submissions made to the New Jersey Department of Environmental Protection and Energy under the Environmental Cleanup Responsibility Act. These submissions include a proposal for additional ground water investigations at and in the vicinity of the Fisher facility in Fair Lawn. As we discussed during our meeting in February, Fisher is interested in getting input from the EPA on the proposed further actions regarding the overburden and bedrock aquifers, which are described in Exhibits G and H, respectively, to the April 22, 1993 letter to Kathleen M. Katz of NJDEPE.

If there is any additional information that you need concerning this matter, please call me at your convenience.

Sincerely,

Thomas V. Fusillo
Manager

TVF:rdp
3055B:PAA03A01.W51

Enclosures

ENVIRON Corporation · Counsel in Health and Environmental Science
210 Carnegie Center, Suite 201, Princeton, New Jersey 08540 · (609) 452-9000 · FAX (609) 452-0284

ENVIRON

October 15, 1993

Ms. Mary Anne Rosa
Remedial Project Manager
U.S. Environmental Protection Agency
26 Federal Plaza
New York, NY 10278

Re: Fair Lawn Well Fields Site

Dear Ms Rosa:

Enclosed please find one copy of the October 13, 1993 submittal to the New Jersey Department of Environmental Protection and Energy (NJDEPE) concerning the above-referenced site. The submittal to the NJDEPE provides (1) a discussion of the position of Fisher Scientific Company concerning off-site investigations required by the NJDEPE; (2) a proposed agenda for a October 20, 1993 meeting with the NJDEPE; and (3) a report on the review of potential sources of contamination to the Fair Lawn well fields entitled, *Preliminary Assessment of the Potential Sources and Circumstances of Release to the Fair Lawn Well Fields National Priorities List Site.*

For your convenience, ENVIRON Corporation has included two additional copies of the report on potential sources of contamination. Please feel free to forward copies of this report to other U.S. Environmental Protection Agency officials or contractors working with the agency who may have use for this information.

Please do not hesitate to contact us if you have any questions about the report or any other aspect of this project.

Sincerely,

Philip Barnes
Senior Consultant

Thomas V. Fusillo
Manager

PB/TVF:pb
3055F:PAA0429A.W51

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II
JACOB K. JAVITS FEDERAL BUILDING
NEW YORK, NEW YORK 10278

April 14, 1993

Mr. Thomas V. Fusillo
ENVIRON Corporation
210 Carnegie Center
Suite 201
Princeton, New Jersey 08540

Re: Fair Lawn Wellfield Superfund Site (the Site)

Dear Mr. Fusillo:

In March 1993, you provided the United States Environmental Protection Agency (EPA) with a list of documents pertaining to the Site.

After reviewing the list, it seems several documents are not in the EPA Site file. In order to have a more thorough understanding of the Site, it would be beneficial to EPA's investigation if copies of the documents on the attached list were provided. I am therefore requesting that, to the extent possible, you provide EPA with these documents.

EPA recognizes ENVIRON efforts, on behalf of Fisher Scientific, to supply all information which may be helpful in expediting the remediation of this Site. Thank you for your cooperation in this matter.

If you should have any questions or require additional information, please do not hesitate to contact me at (212) 264-1301.

Sincerely yours,

Mary Anne Rosa

Mary Anne Rosa, Remedial Project Manager
New Jersey Superfund Branch II

Attachment

cc: Gerald Hahn, NJDEPE

ATTACHMENT 1

Documents Requested by EPA

ID #	Date	Ath	DOCUMENT TITLE
KD001	2-7-92	RAD	PHASE II GROUND WATER INVESTIGATION REPORT: KODALUX PROCESSING LAB
KD003	7-19-91	NUS	FINAL DRAFT: PRELIMINARY ASSESSMENT REPORT: EASTMAN KODAK PROCESSING LAB
KD005	9-9-91	RAD	FINAL GROUNDWATER INVESTIGATION REPORT: KODALUX PROCESSING LABORATORY
KD007	7-90	CAR	BASEMENT FLOOR DRAIN SUBSURFACE INVESTIGATION: KODALUX PROCESSING LAB
KD010	6-90	CAR	UNDERGROUND STORAGE TANK REMOVAL & SUBSURFACE INVESTIGATION: KODALUX
KD013	7-90	CAR	SOLVENT STORAGE ROOM FLOOR RESURFACING AND DRY WELL REMOVAL: KODALUX
KD015	4-16-91	RAD	MONITORING WELL INSTALLATION INTERIM REPORT: KODALUX PROCESSING LAB
PV001	11-83	ETK	PASSAIC VALLEY SEWERAGE COMMISSION: SEWER SYSTEM EVALUATION SURVEY: PHASE II-B REPORT: BOROUGH OF FAIR LAWN
PV002	1-79	ETK	PASSAIC VALLEY SEWERAGE COMMISSION: SEWER SYSTEM EVALUATION SURVEY:INTERIM REPORT PHASE II-A REPORT: BOROUGH OF FAIR LAWN
SV001	7-92	ITC	REPORT OF SECOND QUARTER 1992 GROUND WATER MONITORING: SANDVIK, INC.
FS006	3-87	WES	REMEDIAL ACTION PLAN/REVISION #2/CLEANUP PLAN: FISHER SCIENTIFIC
FS007	12-85	GEO	ANALYSIS OF HYDRAULIC GRADIENT CONTROL IN THE BRUNSWICK FORMATION BENEATH THE FISHER SCIENTIFIC PROPERTY
FS008	2-86	FIS	RISK ANALYSIS
FS013	10-86	OM	WORK PLAN FOR SOIL EXCAVATION AND GROUND WATER TREATMENT AT FISHER
FS015	4-2-84	WES	REMEDIAL INVESTIGATION: SOIL BORING PROGRAM: FISHER SCIENTIFIC
FS017	9-28-84	WES	REMEDIAL INVESTIGATION: FISHER SCIENTIFIC: VOL 1 - TECHNICAL REPORT
FS019	3-5-92	FIS	FEASIBILITY STUDY OF DISCHARGE ALTERNATIVES
FS021	11-83	DEP	SUMMARY REPORT: FAIR LAWN WELLFIELD CONTAMINATION
FS030	1-19-85	GEO	HYDRAULIC GRADIENT CONTROL IN THE UNCONSOLIDATED DEPOSITS BENEATH THE FISHER SCIENTIFIC PROPERTY
FS041	2-88	WES	AERIAL PHOTO COMPILATION FOR FISHER SCIENTIFIC
FW027	1-72	G&M	PRELIMINARY INVESTIGATION OF THE WATER RESOURCES OF FAIR LAWN BOROUGH
FS044 -FS058		FEI	REMEDIAL ACTION PLAN - VARIOUS QUARTERLY MONITORING REPORTS (1989-1992)

ATTACHMENT 1(d)

06023

BOOK X 79 PAGE 159

State of DELAWARE

Office of SECRETARY OF STATE

I, Glenn C. Kenton, Secretary of State of the State of Delaware, do hereby certify that the attached is a true and correct copy of Certificate of Incorporation filed in this office on February 2, 1983.

DEPARTMENT OF STATE
OFFICE OF THE SECRETARY OF STATE
1793
DELAWARE

Glenn C. Kenton

Glenn C. Kenton, Secretary of State

BY: K Scaggs

DATE: February 2, 1983

Feb. 2 1983

RECORDER

Form 130

CERTIFICATE OF INCORPORATION

OF

ALLIED MERGER CORPORATION

* * * * * * * *

FILED

FEB 2 1983 9AM

SECRETARY OF STATE

THE UNDERSIGNED, in order to form a corporation for the purposes hereinafter stated, under and pursuant to the provisions of the General Corporation Law of the State of Delaware, does hereby certify as follows:

FIRST: The name of the Corporation is

ALLIED MERGER CORPORATION

SECOND: The registered office of the Corporation is to be located at 306 South State Street, in the City of Dover, in the County of Kent, in the State of Delaware. The name of its registered agent at that address is the United States Corporation Company.

THIRD: The purpose of the Corporation is to engage in any lawful act or activity for which a corporation may be organized under the General Corporation Law of Delaware.

FOURTH: The total number of shares of all classes of stock which the Corporation shall have authority to issue is One share of Common Stock, $1.000 par value.

FIFTH: The name and address of the Incorporator are as follows:

NAME	ADDRESS
Judy Winston	70 Pine Street, New York, New York 10270

SIXTH: Unless and except to the extent that the By-Laws of the Corporation shall so require, the election of Directors of the Corporation need not be by written ballot.

SEVENTH: The Board of Directors is expressly authorized and empowered to make, alter and repeal the by-laws of the Corporation, subject to the power of the stockholders of the Corporation to alter or repeal any by-laws made by the board of directors.

EIGHTH: The Corporation reserves the right at anytime from time to time to amend, alter, change or repeal any provision contained in this Certificate of Incorporation, and any other provisions authorized by the laws of the State of Delaware at the time in force may be added or inserted, in the manner now or hereafter described by law; and all rights, preferences and privileges of what so ever nature conferred upon stockholders, directors or any other persons whomsoever by and pursuant to this Certificate of Incorporation in its present form or as hereafter amended are subject to the right reserved in this Article.

NINTH: The Corporation shall, to the full extent permitted by the General Corporation Law of the State of Delaware, as amended from time to time, indemnify all persons whom it may indemnify pursuant thereto.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Judy Winston (L.S

JUDY WINSTON

State of DELAWARE

Office of SECRETARY OF STATE

I, Glenn C. Kenton, Secretary of State of the State of Delaware, do hereby certify that the attached is a true and correct copy of Certificate of Merger filed in this office on April 29, 1983.

DEPARTMENT OF STATE
OFFICE OF THE SECRETARY OF STATE
1845 1792 1976
DELAWARE

Glenn C. Kenton

Glenn C. Kenton, Secretary of State

BY: M Todd

DATE: April 29, 1983

Form 130

CERTIFICATE OF MERGER

OF

INSTRUMENTATION LABORATORY INC.

INTO

ALLIED MERGER CORPORATION

The undersigned, ALLIED MERGER CORPORATION, a Delaware corporation, hereby certifies as follows:

FIRST: The name and state of incorporation of each of the constituent corporations in the merger is as follows:

Name	State of Incorporation
ALLIED MERGER CORPORATION	Delaware
INSTRUMENTATION LABORATORY INC.	Massachusetts

SECOND: An Agreement of Merger dated as of March 24, 1983 (the "Agreement of Merger"), by and among Allied Corporation, a New York corporation and the sole stockholder of ALLIED MERGER CORPORATION, ALLIED MERGER CORPORATION and INSTRUMENTATION LABORATORY INC. has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with Section 252(c) of the General Corporation Law of the State of Delaware.

THIRD: The name of the surviving corporation is ALLIED MERGER CORPORATION, herewith changed to INSTRUMENTATION LABORATORY INC..

FOURTH: The Certificate of Incorporation of ALLIED MERGER CORPORATION, a Delaware corporation, shall be the Certificate of Incorporation of the surviving corporation, except that ARTICLE FIRST shall be amended to read as follows: "The name of the corporation is INSTRUMENTATION LABORATORY INC. (the "Corporation")."

FIFTH: The executed Agreement of Merger is on file at the principal place of business of the surviving corporation. The address of the principal place of business of the surviving corporation is 113 Hartwell Avenue, Lexington, Massachusetts 02173.

SIXTH: A copy of the Agreement of Merger as approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the requirements of Section 252(c) of the General Corporation Law of the State of Delaware, will be furnished by the surviving corporation, on request and without cost, to any stockholder of either constituent corporation.

SEVENTH: The authorized capital stock of INSTRUMENTATION LABORATORY INC., a Massachusetts corporation, consists of 8,000,000 shares of Common Stock, par value $1.00 per share.

Dated: April 29, 1983

ALLIED MERGER CORPORATION

By: _____
Harold W. Buirkle,
Vice President

Attest: _____
Heather M. Mullett,
Assistant Secretary

State of Delaware

Office of Secretary of State

I, GLENN C. KENTON, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER OF 'FISHER SCIENTIFIC COMPANY" MERGING WITH AND INTO "INSTRUMENTATION LABORATORY INC." UNDER THE NAME OF "ALLIED HEALTH & SCIENTIFIC PRODUCTS COMPANY" AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-EIGHTH DAY OF DECEMBER, A.D. 1984, AT 10 O'CLOCK A.M.

Glenn C. Kenton

Glenn C. Kenton, Secretary of State

AUTHENTICATION: 0410593

843630081

DATE: 01/03/1985

CERTIFICATE OF MERGER
OF
FISHER SCIENTIFIC COMPANY
INTO
INSTRUMENTATION LABORATORY INC.

The undersigned corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware,

DOES HEREBY CERTIFY:

FIRST: That the name and state of incorporation of each of the constituent corporations of the merger are as follows:

NAME	State of Incorporation
Fisher Scientific Company	Delaware
Instrumentation Laboratory Inc.	Delaware

SECOND: That an Agreement and Plan of Merger between the parties to the merger has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the requirements of subsection (c) of Section 251 of the General Corporation Law of the State of Delaware.

THIRD: That the surviving corporation of the merger is Instrumentation Laboratory Inc. whose name shall be changed to Allied Health & Scientific Products Company upon the effective date of the merger.

FOURTH: That Article FIRST of the Certificate of Incorporation of Instrumentation Laboratory Inc. is amended to read as follows:

"FIRST: The name of the Corporation is Allied Health & Scientific Products Company".

FIFTH: That Article SECOND of the Certificate of Incorporation of Instrumentation Laboratory Inc. is amended to read as follows:

"SECOND: The address of the Corporation's registered office in the State of Delaware is Corporation Trust Center, 1209 Orange Street, in the City of Wilmington, County of New Castle. The name of the Corporation's registered agent at such address is The Corporation Trust Company."

SIXTH: That the executed Agreement and Plan of Merger is on file at the principal place of business of the surviving corporation. The address of the principal place of business of the surviving corporation is c/o Allied Corporation, P.O. Box 1013R, Columbia Road and Park Avenue, Morristown, New Jersey 07960.

SEVENTH: That a copy of the Agreement and Plan of Merger will be furnished by the surviving corporation, on request and without cost, to any stockholder of any constituent corporation.

EIGHTH: The merger shall be effective as of December 31, 1984.

ATTEST:

James A. Clayton, Jr.
Secretary

INSTRUMENTATION LABORATORY INC.

By Lawrence B. Hardin
Vice President

14693

State of Delaware

Office of Secretary of State

I, MICHAEL HARKINS, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF ALLIED HEALTH & SCIENTIFIC PRODUCTS COMPANY FILED IN THIS OFFICE ON THE FIRST DAY OF AUGUST, A.D. 1986, AT 9 O'CLOCK A.M.

Michael Harkins, Secretary of State

AUTHENTICATION: 0916924

DATE: 08/18/1986

862130317

BOOK 403 PAGE 847

FILED

AUG 1 1986

SECRETARY OF STATE

CERTIFICATE OF AMENDMENT

of

CERTIFICATE OF INCORPORATION

of

ALLIED HEALTH & SCIENTIFIC PRODUCTS COMPANY

ALLIED HEALTH & SCIENTIFIC PRODUCTS COMPANY, a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware (the "Law"), DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of ALLIED HEALTH & SCIENTIFIC PRODUCTS COMPANY, by the unanimous written consent of its members pursuant to Section 141(f) of the Law, filed with the minutes of the proceedings of the Board, duly adopted a resolution setting forth a proposed amendment of the Certificate of Incorporation of said corporation and declaring said amendment to be advisable. The resolution setting forth the proposed amendment is as follows:

> RESOLVED that it is deemed advisable and in the best interests of the Corporation that the Certificate of Incorporation of the Corporation be amended by changing Article FIRST thereof so that, as amended, said Article shall be and read as follows:
>
> FIRST: The name of the Corporation is
>
> FISHER SCIENTIFIC COMPANY

SECOND: That, in lieu of a meeting and vote of the stockholders, the stockholders have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the Law and that said consent has been filed with the minutes of the proceedings of the stockholders.

THIRD: That the aforesaid amendment of the Certificate of Incorporation was duly adopted pursuant to the applicable provisions of Section 141, 228 and 242 of the Law.

IN WITNESS WHEREOF, said ALLIED HEALTH & SCIENTIFIC PRODUCTS COMPANY has caused this instrument to be executed for and on its behalf by a Vice President, thereunto duly authorized, and attested by an Assistant Secretary, this 29th day of July, 1986.

ALLIED HEALTH & SCIENTIFIC PRODUCTS COMPANY

By _____
Vice President

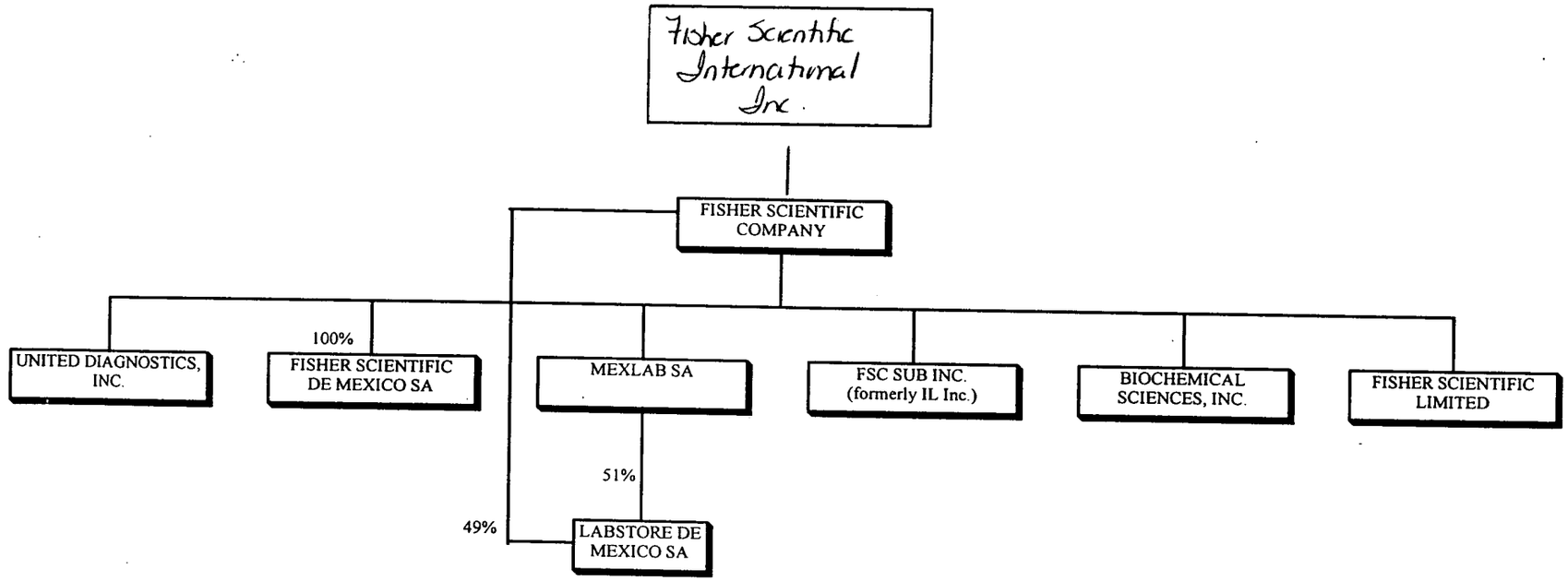
ATTEST:

_____
Assistant Secretary

RECEIVED FOR RECORD
AUG 30 1986
LEO J. DUGAN, Jr., Recorder

Fisher Scientific International Inc.		Delaware
Fisher Scientific Company	100	Delaware
Biochemical Sciences Inc.	100	New Jersey
Fisher Scientific de Mexico, S.A.	100	Mexico
Fisher Scientific Limited	100	Canada
FSC Sub, Inc.	100	Massachusetts
MexLab, S.A.	40	Mexico
LabStore de Mexico, S.A.	51	Mexico
LabStore de Mexico, S.A.	49	Mexico
United Diagnostics, Inc.	100	Delaware

SCHEDULE C


Fisher Scientific International Inc.
FISHER SCIENTIFIC COMPANY
UNITED DIAGNOSTICS, INC.
100%
FISHER SCIENTIFIC DE MEXICO SA
MEXLAB SA
FSC SUB INC. (formerly IL Inc.)
BIOCHEMICAL SCIENCES, INC.
FISHER SCIENTIFIC LIMITED
51%
49%
LABSTORE DE MEXICO SA

ATTACHMENT 7(a)(iv)

SECTION E

ANALYSIS OF INDUSTRIAL WASTE

26. Analysis for Industrial Waste must be a proper sample taken for each outlet.

OUTLET NO. 08403070

Report to the nearest unit: XX. except where indicated with (1) Example: 15 mg/l				**Report to the nearest hundredth: 0.XX except where indicated Example: 0.36 mg/l**		
Code		**Parameter**	**Value**	**Code**	**Parameter**	**Value**
0200*		Radioactivity (PL-1)	NA	1097*	Antimony (Sb)	<0.1
0500		Total Solids	800	1002	Arsenic (As)	<0.00
0510		Total Mineral Solids	730	1022*	Boron (B)	0.29
0530		Total Suspended Solids	14	1027	Cadmium (Cd)	<0.02
0552		Mineral Suspended Solids	3	1034	Chromium Total (Cr)	<0.02
0555	(1X3)	Petroleum Hydrocarbons	<0.5	1042	Copper (Cu)	<0.02
0310		Biochemical Oxygen Demand (BOD)	9	1045*	Iron (Fe)	0.73
				1051	Lead (Pb)	0.01
0340		Chemical Oxygen Demand (COD)	19	0720*(3)	Cyanide (CN)	<0.03
				1900	Mercury(Report to 0.XXX)	0.00
0680		Total Organic Carbon (TOC)	6	1067	Nickel (Ni)	<0.10
				1147*	Selenium (Se)	<0.001
9000		pH (standard unit range)	7.8	1077*	Silver (Ag)	<0.02
0610	(1)	Ammonia as N	1.4	1102*	Tin (Sn)	<0.01
0550	(1X3)	Total Oil & Grease	<3	1092	Zinc (Zn)	0.08
0745*	(1)	Sulfide	<0.1	2730	Phenol	0.18
0507*	(1)	Ortho Phosphates as P	17.3	4053*	Pesticides (Report to 0.XXX)	NA
0625*	(1)	Kjeldahl N as N	8.3			
9998*	(2X3)	TTO (Report to 0.XXX)	ND	9999*(3)	TTVO(Report to 0.XXX)	0.202

See Attachment 3

FOOTNOTES:

(1) Report results to the nearesth tenth, i.e., 1.6 mg/l.

(*) Analyze for this if reasonably expected to be present in the discharge unless otherwise exempted.

(2) See instructions.

(3) Grab sample required.

REVISED 1/87
REVISED 8/89
REVISED 7/90
REVISED 9/94

ATTACHMENT 8

Let's protect our earth

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE MANAGEMENT
John J. Trela, Ph.D., Acting Director
401 East State St.
CN 028
Trenton, N.J. 08625
609 - 633 - 1408

Certified Mail
Return Receipt Requested

John P. McBurney
Manager, Site Remediation
Corporate Health, Safety and
Environmental Sciences
Allied-Signal, Inc.
P.O. Box 2332R
Morristown, NJ 07960

FEB 26 19??

Dear Mr. McBurney:

RE: Industrial Establishment: Fisher Scientific Division--Allied-Signal, Inc.
Location: 1 Reagent Lane, Fair Lawn Boro, Bergen County
Block: 4902 Lot: 2
Transaction: Merger of Allied and Signal, Sale of Assets which include Real Property and Business
Seller(s): Allied-Signal, Inc., a Delaware Corp.
Buyer(s): The Henley Group, Inc., a Delaware Corp.
Cleanup Plan Dated: June 20, 1986; revisions - September 25, 1986
ECRA Case #85823

Pursuant to the authority vested in the Commissioner of the New Jersey Department of Environmental Protection ("NJDEP") by the Environmental Cleanup Responsibility Act, N.J.S.A. 13:1K-6 et seq. (ECRA), and duly delegated to the Chief of the Bureau of Industrial Site Evaluation pursuant to N.J.S.A. 13:1B-4, the above referenced Cleanup Plan submitted on behalf of Fisher Scientific Division--Allied-Signal, Inc. is hereby approved by NJDEP as conditioned below:

1. The backfill to be used for the excavated pits shall be similar in hydrogeologic character to the soil removed, i.e. not more permeable than the excavated soil. Any on-site soils used for backfilling shall be sampled to determine if it is clean.

2. The soil cleanup level for total volatile organic compounds is 10ppm at this site. There are three areas of soil contamination (greater than 10ppm volatile organics) absent from the revised RAP. Two areas are to the west of the compactor shed, and the third area is north of building #2. These areas shall be cleaned up per the 10ppm soil action level for total volatile organics.

3. During the site visit of December 5, 1986 a stain was observed on the pavement south of the building #2 distillation units. The pavement has been compromised in this area. A soil sample is required in the hole in the pavement where the spill has appeared to have accumulated. Parameters tested for shall include those that correspond to the substances stored or used in this area.

   At the southwest corner of building #2 the dike around the scrubber tank has been compromised. The use of this scrubber and the substances that may be contained in any liquids leaking from the scrubber shall be determined. A sample shall be required that shall include parameters which cover any substances that may be present in the leaked liquid plus pH. This dike shall be repaired.

   Fisher Scientific shall establish if any soil contamination has occurred in these areas and those noted in the Inspection Report (dated December 9, 1986). If contamination is found, the area(s) shall be remediated using approved protocol.

4. To capture and remediate the contaminated ground water in the bedrock in the vicinity of and north of FS-04, an additional 400 foot deep bedrock recovery well (PW5) shall be installed.

5. A report of the results of the post excavation samples taken without the BISE's approval shall be provided to the BISE (four copies) within thirty (30) days of receipt of this document. The report shall include a technical overview, findings, conclusion, a scaled map indicating sample locations, all Tier II reporting documentation, and one copy of the laboratory QA/QC report.

6. Cleanup of the ground water shall continue until the concentration of total volatile organics in the ground water is 50 ppb. Individual constituents that have been determined to be carcinogens are not to exceed 5ppb. These contaminants include acrylonitrile, benzene, carbon tetrachloride, chloroform, 1,2-dichloroethane, 1,1-dichloroethylene, methylene chloride, 1,1,2,2-tetrachloroethane, tetrachloroethylene, trichloroethylene, vinyl chloride, and 1,1,2-trichloroethane.

7. A <u>complete</u> revised Cleanup Plan (four copies) that incorporates the preceeding conditions shall be submitted as the final work plan within thirty (30) days from your receipt of this document.

8. Fisher Scientific Division--Allied-Signal, Inc. shall comply with all federal, state and local laws, regulations and ordinances in implementing the approved Cleanup Plan.

9. Fisher Scientific Division--Allied-Signal, Inc. shall obtain all federal, state and local permits prior to implementation of the approved Cleanup Plan. Should any conditions or limitation of said permits be more stringent than those in the approved Cleanup Plan, then said permit requirements shall supersede the terms of this approval.

10. Upon the written request of NJDEP Fisher Scientific Division--Allied-Signal, Inc. shall submit for NJDEP review and approval any additional sampling plans deemed necessary by NJDEP during the implementation of a Cleanup Plan to fully delineate the nature and extent of environmental contamination on

or from Fisher Scientific Division--Allied-Signal, Inc.. Fisher Scientific Division--Allied-Signal, Inc. shall implement and complete any such additional Sampling Plans, and submit the results thereof, in accordance with the timeframe set forth in the approved additional Sampling Plan. Furthermore, Fisher Scientific Division--Allied-Signal, Inc. shall prepare and submit to NJDEP for approval, any revisions to the Cleanup Plan necessary to remediate any additional environmental contamination on or from Fisher Scientific Division--Allied-Signal, Inc. as identified during the cleanup plan implementation, by any additional sampling, or from any other source. Fisher Scientific Division--Allied-Signal, Inc. shall revise and submit the required information within a reasonable time not to exceed thirty (30) calendar days from receipt of written notification from NJDEP.

11. The ECRA requirement for remediation of all environmental contamination on or from Fisher Scientific Division--Allied-Signal, Inc. and the terms and conditions of the approved Cleanup Plan shall be binding upon Fisher Scientific Division--Allied-Signal, Inc., its officers, management officials, employees, agents, successors in interest, assigns, tenants and any trustee in bankruptcy or receiver appointed pursuant to a proceeding in law or equity.

12. Fisher Scientific Division--Allied-Signal, Inc. shall provide, within fourteen (14) days of receipt of this Cleanup Plan approval, financial assurance in the amount of $5,000,000.00, as specified in the Cleanup Plan, in accordance with the regulatory requirements of N.J.A.C. 7:1-3.13. Furthermore, Fisher Scientific Division--Allied-Signal, Inc. shall maintain the required financial assurance until NJDEP conducts a final inspection pursuant to N.J.A.C. 7:1-3.12(e) and NJDEP issues Fisher Scientific Division--Allied-Signal, Inc. a written notification that the cleanup plan has been fully implemented to NJDEP's satisfaction.

13. Fisher Scientific Division--Allied-Signal, Inc. shall prepare and submit to NJDEP monthly written progress reports detailing the implementation of the Cleanup Plan.

14. Fisher Scientific Division--Allied-Signal, Inc. shall prepare and submit a final written report detailing the actual cleanup actions performed and final cleanup costs including overhead, compared to the cleanup actions, schedule and costs approved in the Cleanup Plan. The report should also include dates of cleanup activities, additional sampling results and other pertinent information.

NJDEP's approval, as conditioned above, is limited to the above referenced Cleanup Plan only. This Cleanup Plan approval shall not limit, restrict or prohibit NJDEP from directing on-site or off-site cleanup, if deemed necessary by NJDEP, under any other statute, rule or regulation. Fisher Scientific Division--Allied-Signal, Inc. is hereby required to fully implement the referenced Cleanup Plan, as conditioned above, in accordance with the time schedule as set forth therein.

Very truly yours,

Lance R. Miller, Chief
Bureau of Industrial Site Evaluation

E10:ng
cc: Compliance Monitoring, BISE
Kathleen Kunze, BEERA
Rich Cerbone, NJGS
Tom McKee, BCM
Bill Crom, BHWE

ECRA-2
6/85

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
HAZARDOUS SITE MITIGATION ADMINISTRATION
BUREAU OF INDUSTRIAL SITE EVALUATION

ENVIRONMENTAL CLEANUP RESPONSIBILITY ACT (ECRA)

APPLICATION FOR ECRA REVIEW
INITIAL NOTICE

SITE EVALUATION SUBMISSION (SES)

This is the second part of a two-part application submittal and must be submitted within 30 days following public release of the decision to close operations or execution of an agreement of sale or option to purchase.

DATE December 23, 1985

NAME OF INDUSTRIAL ESTABLISHMENT Fisher Scientific

ADDRESS 1 Reagent Lane

CITY OR TOWN Fair Lawn ZIP CODE 07410

MUNICIPALITY Fair Lawn COUNTY Bergen

NAME OF PROPERTY OWNER Allied Health & Scientific Products Company

FIRM: Allied Health & Scientific Products Company

ADDRESS: 711 Forbes Avenue

CITY OR TOWN: Pittsburgh, PA ZIP CODE: 15219

MUNICIPALITY Pittsburgh COUNTY Allegheny

SUBMIT THE ORIGINAL PLUS TWO COPIES OF THE FOLLOWING:
(NOTE: ITEM FOURTEEN (14) REQUIRES THREE COPIES)

9. A scaled site map identifying all areas where hazardous substances or wastes have been or currently are generated, manufactured, refined, transported, treated, stored, handled or disposed, above or below ground.
IS THIS MAP ENCLOSED? ☒ YES (See Appendix # A) ☐ NO

10. A detailed description of the most recent operations and processes at the industrial establishment organized in the form of a narrative report designed to guide the Department step-by-step through a plant evaluation, with particular emphasis on areas of the process stream where hazardous substances and wastes are generated, manufactured, refined, transported, treated, stored, handled or disposed on site, above or below ground. Also identify any floor drains with their points of discharge, septic systems if applicable, seepage pits and dry wells. Please note that establishments which ceased production prior to December 31, 1983, but are subject to ECRA because of on-going storage beyond that date, must provide details on past operations.

IS THIS REPORT ENCLOSED? ☒ YES (See Appendix # B) ☐ NO

IF YOU HAVE CHECKED "NO", STATE THE REASON(S): _____

Attachment 9

FOR DEP USE ONLY
Notice No. _____

L1

Storage	Materials of Construction*	Capacity (Gallons)	Contents	Location
Tank #4	CS	6,000	Solvents	South of Bldg. 3
Tank #5	GL	4,000	Acid Solutions	South of Bldg. 3
Tank #6	CS	6,000	Solvents	South of Bldg. 3
Tank #7	GL	2,000	Acid	West of Bldg. 3
Tank #9	SS	1,000	Caustic Solutions	West of Bldg. 3
Tank #10	GL	1,000	Acid Solutions	West of Bldg. 3
Tank #11	SS	3,000	Formaldehyde Solns.	West of Bldg. 3
Tank #15	SS	2,000	Caustic Solutions	West of Bldg. 3
Tank #17	GL	2,000	Acid Solutions	West of Bldg. 3
Tank #64	AL	1,300	Solvents	South of Bldg. 3
Tank #65	SS	2,000	50% NaOH	West of Bldg. 2
Tank #66	SS	2,000	Acetic Acid	West of Bldg. 2
Tank #67	SS	2,000	Phosphoric Acid	West of Bldg. 2
Tank #68	SS	2,000	Potassium Hydroxide	West of Bldg. 2
Tank #73	SS	250	Solvents	South of Bldg. 3
Tank #74	GL	1,000	Solvents	South of Bldg. 3
Tank #75	SS	250	Solvents	South of Bldg. 3
Tank #76	SS	1,000	Solvents	South of Bldg. 3
Tank #78	SS	1,000	Solvents	South of Bldg. 3
Tank #79	SS	1,000	Solvents	South of Bldg. 3
Tank #80	SS	3,000	Solvents	South of Bldg. 3
Tank #81	SS	5,000	Methanol	South of Bldg. 3
Tank #82	SS	4,500	Methanol	South of Bldg. 3
Permount Tank	GL	1,000	Toluene	South of Bldg. 3
Wright Stain Tank	GL	500	Methanol	South of Bldg. 3
Drum Storage	Asphalt	20,000	Hazardous Waste	South of Bldg. 2
Drum Storage	Concrete/ Asphalt	--	Raw Materials	Building 1 South of Bldg. 1 South of Bldg. 2

* CS - Carbon steel
GL - Glass lined
SS - Stainless Steel
AL - Aluminum

Trenton Dispatch

INCIDENT NOTIFICATION REPORT

☒ TRENTON DISPATCH ☐ DIV. OF WASTE MANAGEMENT ☐ DIV. OF ENVIR. QUALITY ☐ DIV. OF WATER RES. PUBLIC
☐ HQ FIELD OFFICE: ☐ NORTHERN ☐ METRO ☐ CENTRAL ☐ SOUTHERN

DATE 12-22-03 TIME (Military) 1150 REC'D BY Eric PHONE NO. [illegible]

INCIDENT REPORTED BY: CASE NO. 3 6 - 0 3 - 0 2 2 - 0 3 - 0 1

NAME Jay Young PHONE (609) 771-2400

STREET 1 Regent Dr.

CITY Pine Town Burgen STATE

AFFILIATION Citizen

NATURE OF INCIDENT:
EMERGENCY: ☐ FIRE ☐ EXPLOSION ☐ DRUMS ☑ SPILL ☐ DERAILMENT ☐ MVA
COMPLAINT: ☐ SMOKE ☐ ODORS ☐ DUST ☐ SEWAGE ☐ NUISANCE ☐ ILLEGAL DUMPING
OTHER: ☐

INCIDENT LOCATION:
NAME (Site) Borden Lodge Condos ☐ UNK PHONE

STREET Rte 15 3 exit as above

CITY COUNTY STATE ZIP CODE

STATUS AT SCENE OF INCIDENT:

DATE OF INCIDENT: 12-22-03 TIME: 1100

ANYONE HOSPITALIZED ☐ YES ☐ NO
AREA EVACUATED ☐ YES ☐ NO
CONTAMINATION OF ☐ AIR ☐ LAND ☐ WATER
PUBLIC EXPOSURE ☐ YES ☐ NO
RECEIVING WATER
WIND DIRECTION
POLICE AT SCENE ☐ YES ☐ NO
FIREMAN AT SCENE ☐ YES ☐ NO
ASSISTANCE REQUIRED ☐ YES ☐ NO
POTABLE WATER SOURCE ☐ YES ☐ NO
LOCATION TYPE ☐ CITY ☐ INDUSTRIAL ☐ RURAL

SOURCE OF INCIDENT/PROBLEM: ☐ KNOWN ☐ UNKNOWN

COMPANY NAME PHONE

CONTACT TITLE

STREET

CITY COUNTY STATE ZIP CODE

IDENTITY OF SPILLED AND/OR DISCHARGED SUBSTANCE: ☐ KNOWN ☐ UNKNOWN

NAME OF SUBSTANCE Sulfuric Acid 2-3 gallons

AMT. A/P/E SUBSTANCE CONTAINED ☐ YES ☐ NO ☐ UNKNOWN

OFFICIALS NOTIFIED: (A 310)

HEALTH DEPT.: PERSON Barb Body PHONE 771-2400 DATE 12/22

LOCAL MUNIC.: PERSON PHONE DATE

INCIDENT REFERRED TO: ☐ BFO ☐ BERC ☐ DCJ ☐ DWR ☐ F&G ☐ BAPC ☐ HD

1. PERSON PHONE DATE
2. PERSON PHONE DATE

COMMENTS:

Acted Inorganic base discharged into Borden Lodge Condos Sewer System at Regent Dr.
Trenton Dispatch will also notify water services
PA Cleaned up and contained on site.

COPIES: White - File Yellow - Trenton Dispatch Pink - DWM Enforcement

No. 78

FAIR LAWN HEALTH DEPARTMENT
COMPLAINT AND INSPECTION RECORD Health DEPT.

TYPE (COMPLAINT) _____ Complainant: Fischer Scientific
Address: 1 Regent Lane Bldg 3 Phone _____
Owner: _____
Address: _____ Phone _____

NATURE OF (COMPLAINT) _____

2-3 gallons Sulfuric Acid in Henderson Brook

Received By _____ Letter ☐ In Person ☐ Telephone ☐ Date _____ Time _____ M.

Inspector _____ INSPECTION Date 3/3/86 Time _____ M.

Report of Conditions Elia Iraiz 669-3982 / Trenton Dispatch 609-292-7172
DEP called 4:30 PM notifying us of accidental spill of H_2SO_4. Mr Young manager Env. Affairs Fischer Scientific was contacted + informed us approx 2-3 gallons Sulfuric Acid $H_2SO_4^{2-}$ was spilled due to broken transfer hose which seeped into storm drain than Henderson Brook. Mr Young was informed that part of plant policy should be to notify Health Dept. regarding any spills regardless of size. We have asked Mr Young to provide this department with Names of material used to absorb the ($H_2SO_4^{2-}$) Sulfuric Acid. Inspectors from this dept will make onsite inspection on 3/4/86.

NOTE: Mr Young stated that he notified DEP + Passaic Valley Sewage Authority Time _____ ?

3/4/86 An inspection was conducted at Henderson Brook. No apparent fish kill. We were notified by Mr Young that Passaic Valley was going to test stream. (344-1800 Passaic Valley Frank Cupo). Passaic Valley felt sampling was NOT needed because it would dissipate rapidly. G3

ALLIED Fisher Scientific

Chemical Division
1 Reagent Lane
Fair Lawn, NJ 07410
(201) 796-7100

March 7, 1986

Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, NJ 07105

RECEIVED

MAR 19 1986

DEPT. ENVIRONMENTAL PROTECTION
NEWARK OFFICE

ATTN: Mr. Frank Cupo

Dear Mr. Cupo,

On Tuesday, March 4, 1986, at approximately 10:30 a.m. a flexible transfer hose being used to pump material from a tank truck to our process storage tank developed a leak. As soon as the leak was observed the transfer operation was terminated and steps were taken to contain the spill. Despite our efforts, between 2 and 3 gallons of sulfuric acid entered Henderson Brook via storm drain.

Upon determining that the spilled material was reaching the brook, immediate action was taken to neutralize traces of the acid in the vacinity of the release. Our inspection of the brook indicated that there were no other apparent effects of the release.

To prevent future incidents of this type all transfer lines have been inspected for integrity and will be reinspected prior to use on each occasion.

Sincerely,

FISHER SCIENTIFIC COMPANY

Jay F. Young
Manager, Environmental Control

cc: F. E. Winscott
G. R. Rayer
R. K. Smith
L. J. Hover

P. T. Lynch, DEP
F. Brady - Borough of Fair LAwn

Attachment Q
Q-1
G-4

Form DEQ 023 A
3/87

87-10-26-23

TD LOG# 7237

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIV. OF ENVIRONMENTAL QUALITY BUR. OF COMMUNICATIONS AND SUPPORT SERVICES
Phone: 609-292-7172

02 17 03

COMMUNICATIONS CENTER NOTIFICATION REPORT

RECEIVED - 24 A 9 15

CASE NO. 87 (Yr) - 10 (Mo) - 24 (Day) - 0915 (Time)

DATE: 10 (Mo) - 24 (Day) - 87 (Yr) REC'D BY EXCEL REVIEWED BY JEXcel

INCIDENT REPORT BY:
Name JAY YOUNG Phone 201-796-7523 (SATURDAY #) 201-796-7100
Street 1 REAGENT LANE
City ~~XXXXXXXXXXXXXXX~~ FAIR LAWN State NJ
Affiliation/Title FISHER SCIENTIFIC

INCIDENT LOCATION: ___ Transportation X Facility ___ Other
Name (Site): FISHER SCIENTIFIC Phone 201-796-7100
Street 1 REAGENT LANE
City FAIR LAWN County BERGEN State N.J. Zip Code

Date of Incident: 10 (Mo) - 24 (Day) - 87 Time: 0800

IDENTITY OF SUBSTANCE(S) SPILLED, RELEASED, ETC.: X Known ___ Suspected ___ Unknown
Name of Substance(s) (Gas, Liquid, Solid): METHYLTERTIARY BUTYL ETHER RESIDUE
CAS Number:
Amount Released/Spilled LESS THAN 1 GAL. ___ Actual ___ Potential XX Estimated
Substance Contained (Y/N/U)
Type of Release/Spill: X Terminated ___ Continuous ___ Intermittent

Hazardous Material (Y/N)

NATURE OF INCIDENT: ___ Complaint XX ~~Public~~ Notification ___ Emergency ___ Sub. 20

INCIDENT DESCRIPTION:
X Fire ___ Explosion ___ Air Rel ___ Spill ___ MVA ___ Derailment ___ Smoke/Dust
___ Odors ___ Sewage ___ NJPDES ___ Noise ___ Illegal Dumping ___ Wildlife
___ Equip Start-up/Shutdown, Equip Fail/Upset, etc.
___ Other (specify)

Injuries (Y/N/U) Public Exposure (Y/N/U)
Facility Evacuation (Y/N/U) Police at Scene (Y/N/U) + F.D.
Contamination of ___ Air X Land ___ Water Assistance Requested (Y/N/U)
Potable Water Source (Y/N/U) Wind Direction/Speed /
Receiving Water Precipitation (rain/snow)
Location Type: ___ Residential X Industrial ___ Rural ___ Sensitive Population (Horp., School, Nurs. Home)

STATUS AT INCIDENT SCENE RESIDUE ON EQUIPMENT IGNITED BY CUTTING OPERATION. BORO F.D. RESPONSE TIME OF APPROX. 5 MINUTES FOUND FIRE ALREADY EXTINGUISHED BY COMPANY. COMPANY ADVISES NO ADVERSE EFFECTS FROM INCIDENT.

RESPONSIBLE PARTY: XX Known ___ Suspected ___ Unknown
Company Name FISHER SCIENTIFIC Phone 201-796-7100
Contact jay young Title
Street 1 REAGENT LANE
City FAIRLAWN County BERGEN State N.J. Zip Code

OFFICIALS NOTIFIED (Name/Title):
NJSP: J. LEGG / OEM Phone *882-2000 Date/Time 10/24/87 1107 (T/M)
Local Health / ___ Phone ___ Date/Time / ___ (T/M)
Local Munic: / ___ Phone ___ Date/Time / ___ (T/M)
USEPA: / ___ Phone ___ Date/Time / ___ (T/M)

INCIDENT REFERRED TO:
X DEQ ___ DWR ___ DSWM ___ DHSM X DHWM ___ DOH ___ DFG ___ DPF ___ DCJ ___ DCR
Region: ___ Northern XX Metro ___ Central ___ Southern X ER1 ___ ER2
1. Name/Affil CHRIS DWYER / ER 1 Phone HOME Date/Time 10/24/87 0936 (T/M)
2. Name/Affil / ___ Phone DHWM-M Date/Time 10/24/87 / ___ (T/M)
3. Name/Affil / ___ Phone ___ Date/Time / ___ (T/M)

IMMEDIATE DEP RESPONSE (Y/N) [Emergency (Y/N) Enforcement (Y/N)]

COMMENTS TD NOTIFIED BERGEN OEM-OFFICER WEBER RESPONDED AND REPORTED BACK AT 1233 THAT EVERYTING IS IN PROPER ORDER AND CLEANUP WAS COMPLETED BY COMPANY.

H

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

TRENTON DISPATCH NOTIFICATION REPORT

CASE NO. 87 01 26 10 [illegible] (YR MO DAY CASE NO)

DATE 1-26-87 TIME (Military) 1340 REC'D BY [illegible] PHONE NO.

INCIDENT REPORTED BY:

NAME [illegible] PHONE [illegible]

STREET 1 Regent Lane

CITY Fairlawn STATE NJ

AFFILIATION/TITLE [illegible]

NATURE OF INCIDENT:

EMERGENCY: __ FIRE __ EXPLOSION __ AIR REL X SPILL __ MVA __ DERAILMENT

COMPLAINT: __ SMOKE/DUST __ ODORS __ SEWAGE __ OTHER (Specify) (Noise, Illegal Dumping, Fish Kill)

NOTIFICATION: (Specify) (Equipment Start up/Shutdown, Equipment Failure/Upset, etc.)

INCIDENT LOCATION:

NAME (Site) Taylor Scientific __UNK PHONE 796-7523

STREET 1 Regent Lane

CITY Fairlawn COUNTY Bergen STATE NJ ZIP CODE

STATUS AT SCENE OF INCIDENT (Mitigative Actions): Odor complaint from Taylor Scientific Diagnosed as [illegible] by Dr. [illegible] Boro H.D. notified. Case closed at this

DATE OF INCIDENT: 1-22-87 TIME UNK

ANYONE INJURED	__ YES X NO	PUBLIC EXPOSURE	X YES __ NO
ANYONE HOSPITALIZED	__ YES X NO	POLICE AT SCENE	X YES __ NO
AREA EVACUATED	__ YES X NO	FIREMAN AT SCENE	__ YES X NO
CONTAMINATION OF	__ AIR __ LAND X WATER	ASSISTANCE REQ	__ YES X NO
POTABLE WATER SOURCE	__ YES X NO	WIND DIRECTION	
RECEIVING WATER	Hackensack Brook	WIND SPEED	

LOCATION TYPE __ CITY X INDUSTRIAL __ RURAL __ SENSITIVE POPULATION (Hospital, School, Nursing Home)

SOURCE OF INCIDENT/PROBLEM: X KNOWN __ UNKNOWN

COMPANY NAME Same as [illegible] PHONE

CONTACT TITLE

STREET

CITY COUNTY STATE ZIP CODE

IDENTITY OF SUBSTANCE(S) SPILLED, RELEASED, DISCHARGED, ETC.: X KNOWN __ UNKNOWN

NAME OF SUBSTANCE (Gas, Liquid, Solid) Degreaser material

AMOUNT RELEASED/SPILLED Unk A/P/E

SUBSTANCE CONTAINED X YES __ NO __ UNKNOWN

TYPE OF RELEASE/SPILL __ TERMINATED __ CONTINUOUS X INTERMITTENT

OFFICIALS NOTIFIED: (A-310) __ BY FACILITY __ BY NJDEP

USEPA: PERSON PHONE DATE

LOCAL HEALTH DEPT.: PERSON PHONE DATE

LOCAL MUNIC. (Fire/Police) PERSON PHONE DATE

INCIDENT REFERRED TO: __ DEQ __ DWR __ DSWM __ DHSM __ DHWM __ DOH __ F&G

REGION: __ NORTHERN __ METRO __ CENTRAL __ SOUTHERN

1. PERSON Andy Hanson PHONE DATE 1-27-87 TIME 1343
2. PERSON Christopher Lagi PHONE DATE TIME
3. PERSON [illegible] PHONE DATE TIME

COMMENTS ID 87-1-19-7D1327

Telephoned to DWR-NJ and F&G

NJFA 3/81 (rev.) OED handled

ATTACHMENT 11(a)

SECTION A

CONDITIONS SPECIFIC TO THIS PERMIT

1. SAMPLING

1.1 Samples and measurements taken as required under this permit shall be representative of the monitored activity. All samples shall be taken at the monitoring points approved by the PVSC and specified in this permit. Unless otherwise specified, all samples shall be drawn by a 24 hour composite sampler acceptable to the PVSC which shall be equipped with attachments appropriate for affixing seals. During and after collection, the sample shall be maintained between 1°C - 4°C.

1.2 In addition to the other sample requirements set forth in SECTION A, PART 2 of this permit, the Permittee shall comply with the following:

(a) A one quart or one liter aliquot shall be set aside by 9.00 a.m. for Outlet (s) # 08403070 each operating day and immediately refrigerated. A PVSC Representative may pick up this sample during the day. Any sample not picked up by the PVSC may be discarded at 5:00 p.m. on that day.

For User Charge the Permittee shall install a 24 hour composite sampler on Outlet (s) # 08403070 which shall be maintained in proper working order at all times.

(b) Samples that are taken for heavy metal analysis must be drawn by an automatic 24 hour composite sampler. A grab sample is not acceptable for metals compliance determination.

PASSAIC VALLEY SEWERAGE COMMISSIONERS

SEWER CONNECTION PERMIT

PERMIT # 08403070

(Please use the Permit Number on any correspondence with PVSC)
In compliance with the provisions of the Federal Water Pollution Control Act, its amendments, the Clean Water Act and the Rules and Regulations of the Passaic Valley Sewerage Commissioners:

FISHER SCIENTIFIC COMPANY

(herein, after referred to as the Permittee)
is authorized to discharge from a facility located at

1 REAGENT LANE

FAIRLAWN, NEW JERSEY 07410

to the Passaic Valley Sewerage Commissioners Treatment Works in accordance with discharge limitations, monitoring requirements and other conditions set forth herein.

EFFECTIVE DATE 04/16/96

EXPIRATION DATE 04/16/2001

PASSAIC VALLEY SEWERAGE COMMISSIONERS

BY: _____
EXECUTIVE DIRECTOR

Rev: 01/97

2. **MONITORING REQUIREMENTS AND DISCHARGE LIMITATIONS**

(a) Beginning (04/16/96) and lasting through (04/16/2001) the permittee is authorized to discharge from outlet number (08403070-18055-0081). Such discharge shall be monitored as specified below. The table lists the limitations or procedures applicable to this outlet. The volume shall be determined from flowmeter readings. The sample point is located in manhole #15 at the southwest corner of property. The Permittee shall submit volume and analysis results in accordance with PVSC User Charge Self Monitoring Report Form MR-2. Volume reported must include all volume discharged to sanitary sewer.

EFFLUENT CHARACTERISTIC	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS		
PARAMETER			MEASUREMENT FREQUENCY	SAMPLE TYPE	REPORTING PERIOD
BOD (0310)	XXXXX	XXXXX	Monthly	24 hr. comp.	Monthly
TSS (0530)	XXXXX	XXXXX	Monthly	24 hr. comp.	Monthly
Volume	XXXXX	XXXXX	XXXXX	XXXXX	Monthly

2. **MONITORING REQUIREMENTS AND DISCHARGE LIMITATIONS**

(a) Beginning (04/16/96) and lasting through (04/16/2001) the permittee is authorized to discharge from outlet number (08403070-18055-0081). Such discharge shall be monitored as specified below. The table lists the limitations or procedures applicable to this outlet. Equipment located in the metering station near manhole #15 at the southwest corner of property.

EFFLUENT CHARACTERISTIC	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS		
PARAMETER		**DAILY MAX**	**MEASUREMENT FREQUENCY**	**SAMPLE TYPE**	**REPORTING PERIOD**
pH (9000)	XXXXX	5 to 10.5	Continuous	Recorder	*
LEL **	XXXXX	XXXXX	Continuous	Recorder	*

* Permittee to store pH an LEL Recorder Charts and have available for review by PVSC personnel on demand.

** Regulated as defined in Appendix B, Pretreatment Limitation #2 of PVSC Rules and Regulations.

2. **MONITORING REQUIREMENTS AND DISCHARGE LIMITATIONS**

(b) Beginning (04/16/96) and lasting through (04/16/2001) the permittee is authorized to discharge from outlet number (08403070-18055-0081). Such discharge shall be monitored as specified below. The table lists the limitations or procedures applicable to this outlet. The volume shall be determined from flowmeter readings. The sample point is located on the discharge line of the (GAC) Pretreatment Equipment.
The Permittee shall submit volume and analysis results in accordance with PVSC Pretreatment Discharge Monitoring Report Form MR-1. (Shallow well water).

	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS		
PARAMETER			**MEASUREMENT FREQUENCY**	**SAMPLE TYPE**	**REPORTING PERIOD**
VOC	XXXXX	XXXXX	Monthly	Grab	Monthly
Volume	XXXXX	XXXXX	XXXXX	XXXXX	Monthly

2. **MONITORING REQUIREMENTS AND DISCHARGE LIMITATIONS**

(b) Beginning (04/16/96) and lasting through (12/31/96) the permittee is authorized to discharge from outlet number (08403070-18055-0081). Such discharge shall be monitored as specified below. The table lists the limitations or procedures applicable to this outlet. The volume shall be determined from flowmeter readings. The sample point is located on the discharge line of the (GAC) Pretreatment Equipment. The Permittee shall submit volume and analysis results in accordance with PVSC Pretreatment Discharge Monitoring Report Form MR-1. (Deep well water).

	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS		
PARAMETER			**MEASUREMENT FREQUENCY**	**SAMPLE TYPE**	**REPORTING PERIOD**
VOC	XXXXX	XXXXX	Monthly	Grab	Monthly
Volume	XXXXX	XXXXX	XXXXX	XXXXX	Monthly

2. **MONITORING REQUIREMENTS AND DISCHARGE LIMITATIONS**

(b) Beginning (07/01/97) and lasting through (04/16/2001) the permittee is authorized to discharge from outlet number (08403070-18055-0081). Such discharge shall be monitored as specified below. The table lists the limitations or procedures applicable to this outlet. The volume shall be determined from flowmeter readings. The sample point is located in manhole #15 at the southwest corner of property. The Permittee shall submit volume and analysis results in accordance with PVSC Pretreatment Discharge Monitoring Report Form MR-1.

PVSC LOCAL LIMITS	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS		
PARAMETER	mg/l MONTHLY AVERAGE	mg/l THRESHOLD VALUE	MEASUREMENT FREQUENCY	SAMPLE TYPE	REPORTING PERIOD
As	0.15	0.15	Monthly	24 hr. comp.	Monthly
Cd	0.19	0.005	Monthly	24 hr. comp	Monthly
Cu	3.02	0.092	Monthly	24 hr. comp	Monthly
Pb	0.54	0.029	Monthly	24 hr. comp	Monthly
Hg	0.080	0.001	Monthly	24 hr. comp	Monthly
Mo	XXXXX	XXXXX	Monthly	24 hr. comp	Monthly
Ni	5.9	0.02	Monthly	24 hr. comp	Monthly
Zn	1.67	1.67	Monthly	24 hr. comp	Monthly
Volume	XXXXX	XXXXX	XXXXX	XXXXX	Monthly

3. SCHEDULE OF COMPLIANCE

The Permittee is required to meet the following schedule of compliance:

A. Analysis of wastewater parameters shall be performed by a laboratory that has been certified by the State of New Jersey. Permittee is required to submit all certified analyses as an attachment to the monthly MR-1 and/or MR-2 report.

B. When final pretreatment standards are promulgated Permittee shall submit a baseline monitoring report to PVSC in accordance with 40 CFR 403.12 and any subsequent revisions (copy attached).

C. The Permittee shall notify in writing, all agencies as directed by 40 CFR 403.12 (p) of any discharges classified hazardous waste under 40 CFR 261.

D. The Permittee is required to submit as an attachment to the MR-1 and/or MR-2 report monthly, a water balance showing meter readings used to calculate the reported volume discharged.

E. On or before January 1, 1997 permittee shall cease all discharges of deep well water to the PVSC system.

F. Permittee's wastewater discharge includes a minimal quantity of domestic waste from another user. Permittee assumes the responsibility of this discharge and must submit certification each month along with his MR-2 Form that it contains only domestic waste. In the future, if a regulated user moves into this building now occupied by Road-Con Systems, then permittee will have to separate his wastewater discharge from this user.

G. PVSC reserves the right to require a toxicity evaluation and/or to change the conditions of this Permit, including discontinuing the discharge if it deems necessary.

Permittee shall be required to pay a surcharge for those wastewaters other industrial wastes generated from ongoing industrial operations such as groundwater, leachate, construction water, etc.

All user charge fees and other charges assessed by PVSC shall be governed by the Rules and Regulations and not the terms and conditions of this permit.

08403070 · Fisher

SECTION A-3 SCHEDULE OF COMPLIANCE CONTINUED

H. Conditions necessary for discharge of Groundwater to be generated from the shallow wells, as described by First Environment in their January 9, 1992 letter and report, the December, 1992 report and a letter from Fisher Scientific dated December 17, 1992. These conditions shall also apply to the shallow trenches and/or existing or future wells.

Shallow Well Water

1. (a) Permittee is directed to notify PVSC 15 days prior to initiating a change in the treatment process.

(b) Maximum daily discharge shall be 57, 600 gallons as stated in the letter from Fisher Scientific date December 17, 1992;

(c) A monthly report shall be submitted detailing the daily discharge volumes;

(d) All water discharged shall be included in the monthly user charge report;

(e) The flow rate shall be adjusted to prevent surcharging the sewer;

(f) Each month, 1 sample shall be taken after pretreatment and analyzed for volatile organic compounds (V0C);

(g) PVSC reserves the right to modify this permit to set limits on VOC it deems necessary in order to safeguard its treatment process and permit.

Deep Well Water

2. (a) Permittee shall submit to PVSC a copy of all correspondence and reports for diverting the discharge of the deep well water from the sanitary sewer to Henderson Brook as directed and described in the letter from N.J.D.E.P., Division of Responsible Party Site Remediation, dated December 2, 1992;

08403070 Fisher

SECTION A-3 SCHEDULE OF COMPLIANCE CONTINUED

(b) Water shall be pretreated and discharged as indicated in the revised Treatment Works Approval (TWA) dated May 18, 1992;

(c) A monthly report shall be submitted detailing the daily discharge volumes;

(d) All water discharged shall be included in the monthly user charge report;

(e) Each month, 1 sample shall be taken after pretreatment and analyzed for volatile organic compounds (V0C);

(f) PVSC reserves the right to modify this permit to set limits on VOC it deems necessary in order to safeguard its treatment process and permit.

	12/31/96	Deep Well Water to begin discharging to Henderson Brook. Discharge to sanitary sewer shall cease.
I.	06/30/97	Permittee to be in compliance with Passaic Valley Sewerage Commissioners Local Limits.
	09/04/97	First periodic compliance monitoring report due. Permittee to submit a periodic compliance monitoring report MR-1 form for monthly reporting requirements within thirty-five (35) days after the end date of each preceding month in accordance with General Pretreatment Regulations 40 CFR 403.12 section (e).

J. If the Permittee has been authorized by the PVSC to certify for non-use for one or more heavy metals, the Permittee must sample the discharge in March and September of each year in order to prove continued compliance. If any analytical results exceeds the Threshold Value, but not the Local Limit, the Permittee shall analyze a sample each succeeding month until three successive monthly results are at or below the Threshold Value stated in the PVSC Rules and Regulations Section B-103.3 Table B-2

SECTION B

CONDITIONS APPLICABLE TO ALL PERMITS

1. GENERAL

1.1 The Permittee shall comply with all conditions set forth in this permit and all applicable requirements which are set forth in N.J.S.A. 58:14-1 et seq. and the Rules and Regulations of the PVSC, as well as the Federal Clean Water Act, 33 U.S.C.A. § 1251 et seq. and the New Jersey Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq. Failure to comply with all the terms and conditions of this permit shall constitute a violation of the Rules and Regulations of the PVSC.

1.2 All discharges shall be consistent at all times with the terms and conditions of this permit and no regulated pollutant shall be discharged more frequently than authorized or at a level in excess of that which is authorized by this permit.

1.3 The Permittee shall not discharge or deposit or cause or allow to be discharged or deposited into the Treatment Works or public sewer, any waste which causes or contains the following:

(a) **Explosive Wastes** - Wastes in such quantity which may create a fire or explosion hazard to the Treatment Works, collection system or to the operation of the system, including but not limited to, wastewater with a closed cup flashpoint of less than 140 degrees Fahrenheit or 60 degrees Centigrade using the test methods specified in 40 C.F.R. § 261.21.

(b) **Corrosive Wastes** - Wastes in such quantity which will cause corrosion or deterioration of the Treatment Works. Unless a higher limit is otherwise stated in this Sewer Connection Permit, all wastes shall have a pH not less than 5.0. Unless otherwise stated in the Sewer Connection Permit, all wastes shall have a pH not more than 10.5. Prohibited materials include, but are not limited to, acids, sulfides, concentrated chloride or fluoride compounds.

(i) **Heat** - (1) Any discharge in excess of 150°F(65°C), (2) Heat in amounts which would inhibit biological activity in the PVSC Treatment Works resulting in a treatment process upset and subsequent loss of treatment efficiency.

(j) **Unpolluted Waters** - Any unpolluted water including, but not limited to, cooling water and uncontaminated storm water, which will increase the hydraulic load on the Treatment System, except as approved by PVSC.

(k) **Dilution Waters** - Any water added for the purpose of diluting wastes which would otherwise exceed applicable maximum concentration limits.

(l) **Violations** - Wastes which cause the PVSC treatment plant to violate its NJPDES Permit, applicable receiving water standards, permit regulating sludge which is produced during treatment or any other permit issued to PVSC.

(m) **Ultra Hazardous Toxics** - Those wastes designated by EPA as sufficiently toxic that they shall not be discharged to the sanitary sewer in any concentrations.

(n) **Trucked Pollutants** - Any trucked or hauled pollutants, except at discharge points designated by the Chief Executive Officer, and only after approval is issued by the PVSC.

(o) **Groundwater** - Any groundwater, pump test water, well development water or remediation water whether contaminated or uncontaminated, unless specifically authorized by the PVSC in this permit or other documents.

(p) **Stormwater**- Any stormwater, whether contaminated or uncontaminated, unless specifically authorized by the PVSC in this permit.

1.6. The Permittee shall dispose of all solids, sludges, filter backwash or other pollutants or hazardous waste removed in the course of pretreatment or control of wastewaters and/or the treatment of the intake waters, in accordance with applicable Federal, State and local laws and regulations. Records documenting such disposal shall be made available to the PVSC for review upon request.

2. INDUSTRIAL WASTE REPORTING

2.1 **USER CHARGE:** User Charge monitoring results obtained during the previous month shall be reported monthly on a Discharge Monitoring Report Form (MR-2). The due date for properly signed reports shall be 21days after the reporting period ends. If the 21st day falls on a Saturday, Sunday or PVSC Holiday, then the report shall be due on the next PVSC work day. If the Permittee fails to submit the MR-2 Report on a timely basis the Executive Director shall estimate the usage for the period. The estimate may be made thirty (30) days after the due date of the report.

2.2 **PRETREATMENT:** Pretreatment monitoring results obtained during the previous month shall be reported monthly on a Discharge Monitoring Report Form (MR-1). The due date for properly signed reports, shall be 35 days after the reporting period ends. If the 35th day falls on a Saturday, Sunday or PVSC Holiday, then the report shall be due on the next PVSC work day.

2.3 **DUE DATE:** MR-1 and MR-2 Reports must be physically delivered to the PVSC Administration office or Security office by Midnight of the date by which they are due. The use of certified mail or other means to document or guarantee delivery may be used if deemed necessary. Postmarks are not valid to demonstrate compliance with the due date requirement.

2.7 **RECORDING OF RESULTS:** For each measurement of a sample taken pursuant to the requirements of this permit, the Permittee shall maintain a record of the following information:

(a) The date, exact place and time of sampling;
(b) The dates the analysis were performed;
(c) The person(s) who performed the analysis;
(d) The analytical techniques or methods used; and
(e) The results of all required analyses.

2.8 **RECORDS RETENTION:** The Permittee shall maintain such records as necessary to demonstrate compliance with the requirements of this permit, the PVSC Rules and Regulations and any applicable State or Federal Pretreatment standard or requirement. All records and information resulting from the monitoring activities required by this permit including,all records of analysis performed, calibration and maintenance of instrumentation and recording from continuous monitoring instrumentation, shall be retained for a minimum of five years.

3. INDUSTRIAL WASTE MONITORING

3.1 **MONITORING EQUIPMENT:** The Permittee shall install, at his own cost and expense, whatever monitoring equipment is required by the conditions of this permit to facilitate the accurate observation, sampling and measurement of the discharge. Such equipment shall be kept safe, secured from unauthorized entry or tampering and accessible at all times. Monitoring equipment shall be calibrated as recommended by the manufacturer, except that LEL records shall be calibrated daily and pH recorders shall be calibrated at least weekly, which ever is more frequent.

3.6 The Permittee shall take all reasonable steps to minimize any adverse impact to the PVSC Treatment Works resulting from noncompliance with any pretreatment limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge. This condition in no way affects PVSC's right to suspend a permit in order to stop a discharge which presents an imminent or substantial hazard to the public health, safety or welfare to the local environment or which interferes with the operation of the PVSC Treatment Works.

3.7 **TEST PROCEDURES:** Samples and measurements taken as required in this permit shall be representative of the volume and nature of the monitored discharge.

3.8 The Permittee shall perform all analyses in accordance with the test procedures identified under 40 C.F.R. Part 136. All test procedures, other than those identified in 40 C.F.R. Part 136, shall be considered as alternative test procedures. The Permittee is authorized to utilize an alternative test procedure only if prior written approval is received from the Chief Executive Officer in accordance with Section 319.2 of the Rules and Regulations of the PVSC.

3.9 Sample analyses of pollutants required by this permit shall be performed by a laboratory with a New Jersey certification for each pollutant analyzed.

3.10 If the Permittee monitors any pollutant at the location(s) designated more frequently than required by this permit using the approved analytical methods as specified above, the results of such monitoring shall be included in the calculation and reporting of the values required in the applicable Discharge Monitoring Report Form (PVSC Form MR-1 or MR-2). Such increased frequency shall also be indicated.

4.3 **CHANGE IN DISCHARGE:** Any change in the discharge, any anticipated facility expansion, production increases, or modification which will result in new, different, or increased discharges of pollutants regulated by PVSC must be reported by submission of a new Passaic Valley Sewerage Commissioners Sewer Connection Application. If such changes will not violate the effluent limitations specified in this permit, then notice only to PVSC of such changes is required. Following such notice the permit may be modified to specify and limit any pollutants not previously limited.

5. OTHER CONDITIONS

5.1 **PERMIT MODIFICATION:** After notice and opportunity for a hearing, this permit may be modified, or revoked in whole or in part during its term for cause including, but not limited to the following:

(a) Violating any term or condition of this permit;
(b) Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
(c) A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

5.2 **TOXIC POLLUTANTS:** Notwithstanding Section A Part 2 of this permit, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition), is established under Section 307(b) of the Federal Water Pollution Control Act, its amendments, or any other subsequent law or regulation for a toxic pollutant which is present in the discharge, and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition and the Permittee so notified.

5.7 **DEFINITIONS:** The following definitions apply to this permit:

(a) "Composite" - a combination of individual samples obtained at regular intervals over the entire discharge day.

(b) "Daily" - each operating day.

(c) "Daily Maximum Discharge" - the highest discharge by weight or other appropriate units, as specified herein, during any calendar day.

(d) "Grab" - an individual sample collected in less than 15minutes.

(e) "Immediate Access" - access without delay but in no event beyond 10 minutes from the time the request is made known to the guard or employee.

(f) "Monthly" - one day each month during a normal operating day.

(g) "Monthly Average Value" - the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during the month. Results may be expressed in mass loadings per day or concentration. The monthly average value does not apply to those parameters that are continuously monitored.

(h) "N A" - not applicable.

(i) "Quarterly" - every three (3) months.

(j) "Weekly" - one day each week during a normal operating day.